zenith

thanks for choosing zenith!

hook up directory page 3

RECORD YOUR MODEL NUMBER
(Now, while you can see it)

The model and serial number of your new TV are located on the back of the TV cabinet. For your future convenience, we suggest that you record these numbers here:

MODEL NO._____

SERIAL NO._____

WARNING:

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

To prevent fire or shock hazards, do not expose this product to rain or moisture.

POWER CORD POLARIZATION:

CAUTION: To Prevent Electric Shock, Match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

NOTE TO CABLE/TV INSTALLER:

This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

REGULATORY INFORMATION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Do not attempt to modify this product in any way without written authorization from Zenith Electronics Corporation. Unauthorized modification could void the user's authority to operate this product.

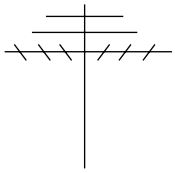
Hook-Up Directory

This page will direct you to which page to go to for proper hook-up of your Entertainment Machine.

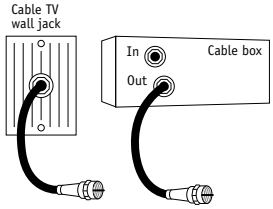
IMPORTANT

Use this page to decide where you need to begin your setup. First, find the setup option below that best describes what you want to do, then go to that page number.

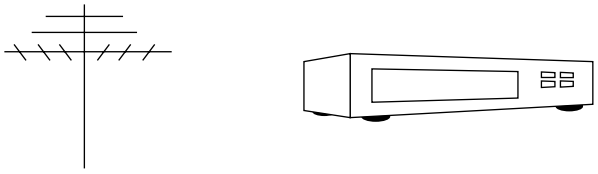
Antenna only If you are using an antenna and no other equipment, go to . . . . . page 4



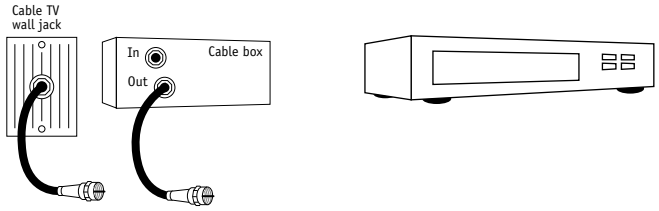
Cable only If you have cable and no other equipment, go to . . . . . page 5



Antenna with VCR If you are using an antenna and have a VCR, go to . . . . . page 6



Cable and VCR If you have cable and a VCR, go to . . . . . page 7



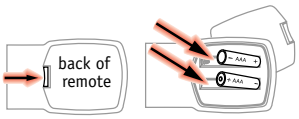
Connect an off-air antenna to your Entertainment Machine.

Hook Up Your Antenna to the TV

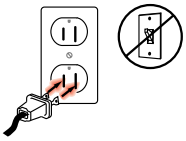
1 Locate the Antenna/Cable jack on the back of your Entertainment Machine.

2 Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.

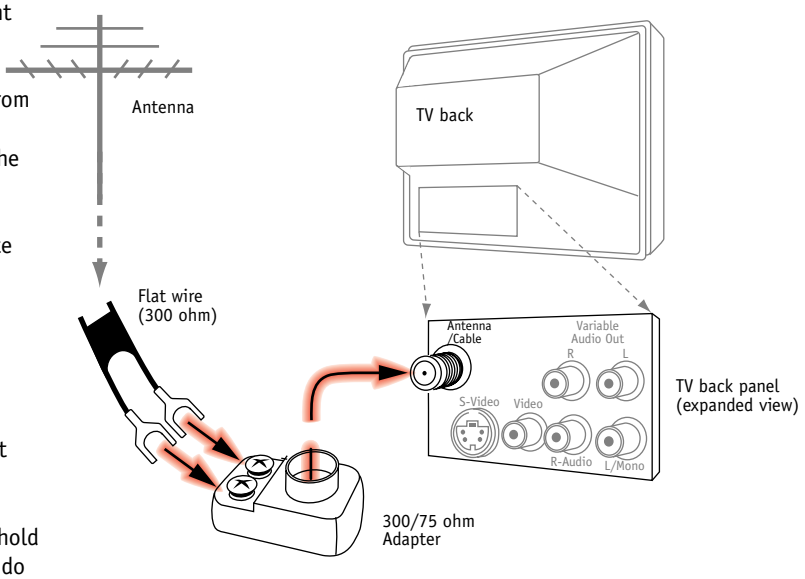
3 Remove the back of the remote and put in two AAA batteries.

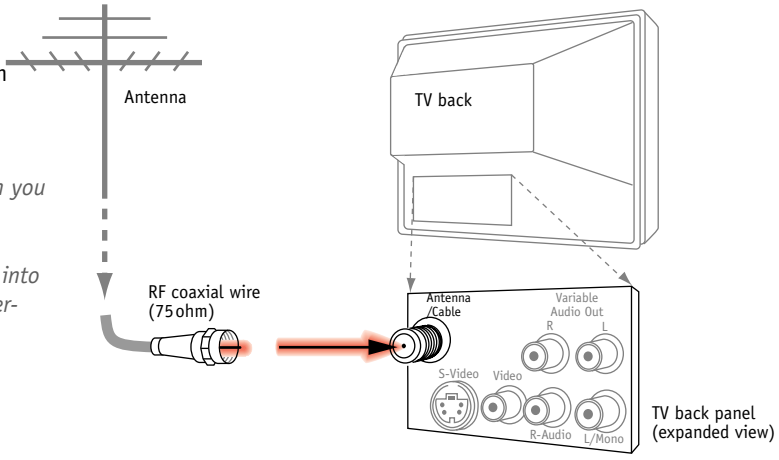


4 Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC do not attempt to operate it on DC Current.



5 Go to page 11 to Auto Program your Entertainment Machine.





If you have a 75 ohm RF cable, then you don't need any adapters!

Remember, when screwing RF cables into jacks, clockwise tightens, and counter-clockwise loosens.

A 300 to 75 ohm adapter is not included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.

Mini glossary

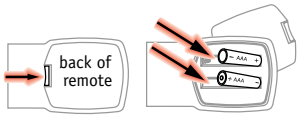
75 OHM RF CABLE	The wire that comes from an off-air antenna or cable service provider. Each end looks like a hex shaped nut with a wire sticking through the middle, and it screws onto the threaded jack on the back of your TV.
300 TO 75 OHM ADAPTER	A small device that connects a two-wire 300 ohm antenna to a 75 ohm RF jack. They are usually about an inch long with two screws on one end and a round opening with a wire sticking out on the other end.

Hook Up Your Cable (CATV) to the TV

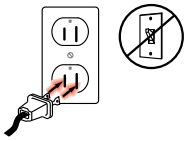
1 Locate the Antenna/Cable jack on the back of your Entertainment Machine.

2 Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.

3 Remove the back of the remote and put in two AAA batteries.



4 Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC do not attempt to operate it on DC Current.



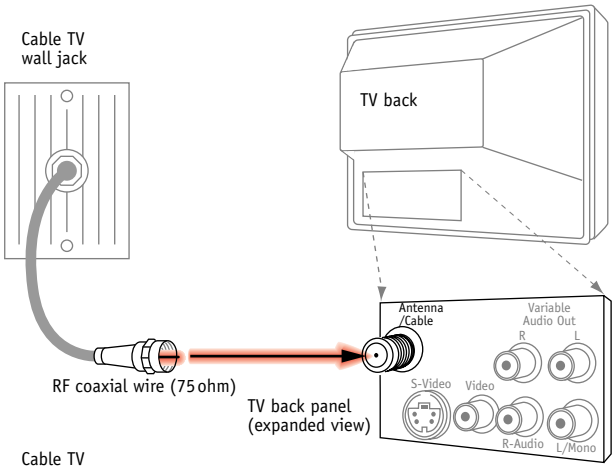
5 Go to page 11 to Auto Program your Entertainment Machine.

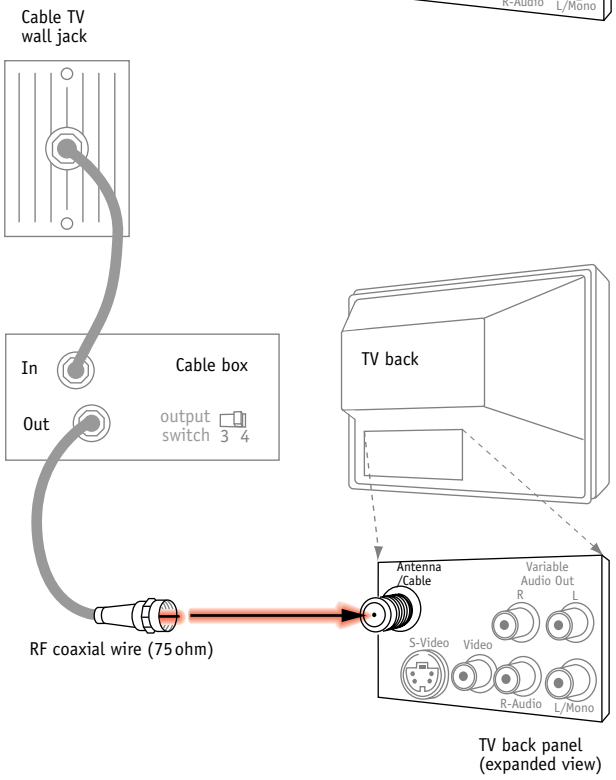
If you're using a cable box, leave your TV on channel 3 or 4 and use your cable box to change channels.

Remember, when screwing RF cables into jacks, clockwise tightens, and counterclockwise loosens.

If you're using a cable box, Auto Program might only find the channel your cable service is on (usually channel 3 or 4). Don't worry, that's all you need!

Connect cable to your Entertainment Machine.





Mini glossary

CABLE SERVICE The wire that supplies all your cable TV (CATV) stations.

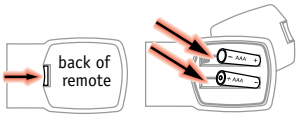
Hook Up Your Antenna and VCR to TV

Connect an off-air antenna and VCR to your Entertainment Machine.

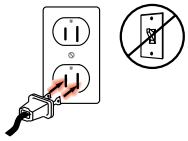
1 Locate the Antenna/Cable jack on the back of your Entertainment Machine.

2 Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.

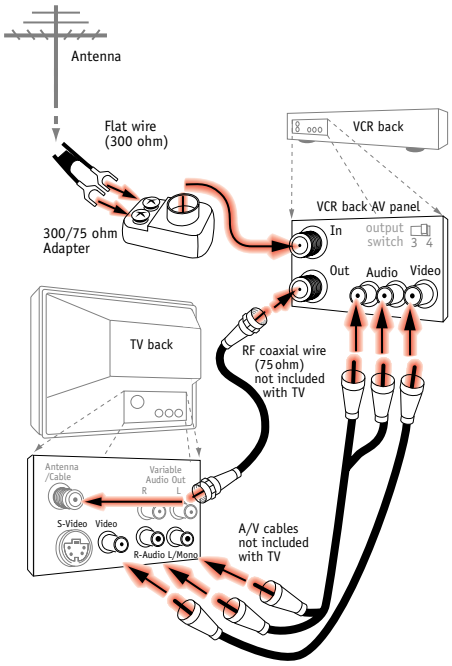
3 Remove the back of the remote and put in two AAA batteries.

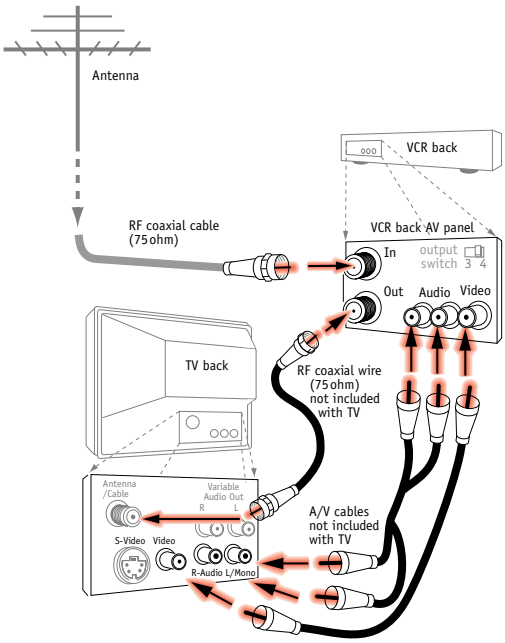


4 Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC do not attempt to operate it on DC Current.



5 Go to page 11 to Auto Program your Entertainment Machine.





Remember, when screwing RF cables into jacks, clockwise tightens, and counterclockwise loosens.

No A/V cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.

Without A/V cables, most VCRs will not play videocassettes in stereo sound.

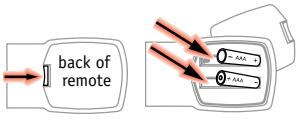
Hook Up Your VCR and Cable (CATV)

Connect your VCR and Cable to your Entertainment Machine.

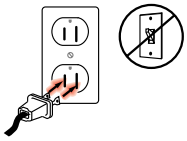
1 Locate the Antenna/Cable jack on the back of your Entertainment Machine.

2 Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.

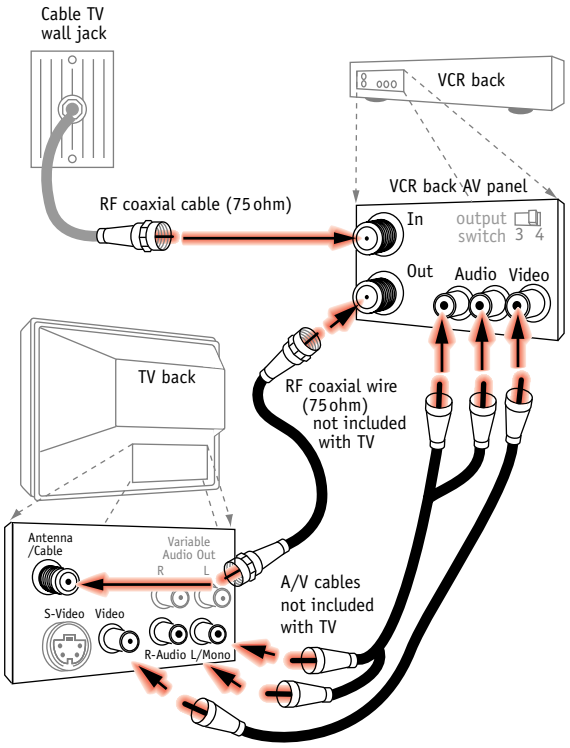
3 Remove the back of the remote and put in two AAA batteries.

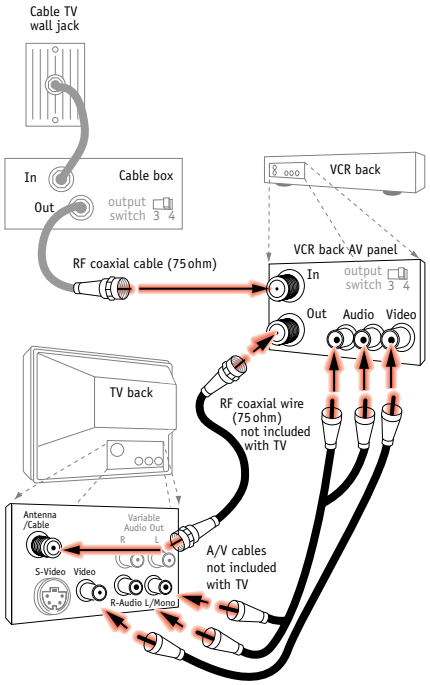


4 Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC do not attempt to operate it on DC Current.



5 Go to page 11 to Auto Program your Entertainment Machine.





Leave your VCR and your television tuned to channel 3 and use the cable box to change channels.

Remember, when screwing in RF cables into jacks, clockwise tightens, and counterclockwise loosens.

No A/V cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores. Without A/V cables, most VCRs will not play videocassettes in stereo sound.

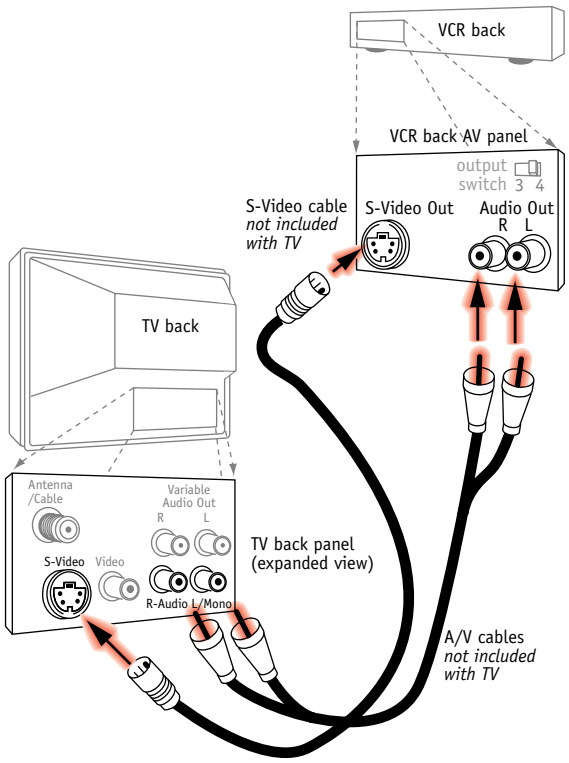
Connecting an S-VHS player to your Entertainment Machine.

Hook Up Your TV to a Super VHS VCR

1 Locate the S-Video Out to TV jack on the back of your S-VHS VCR. Connect the S-VHS cable directly to this jack.

2 Connect this cable from the Out to TV jack to the S-Video jack on the back of your TV.

3 Find the audio and S-Video jacks on the back of your S-VHS player, and connect them following the instructions provided with your equipment.



No S-Video cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.. Without an S-Video cable, you will not receive the Super VHS quality picture.

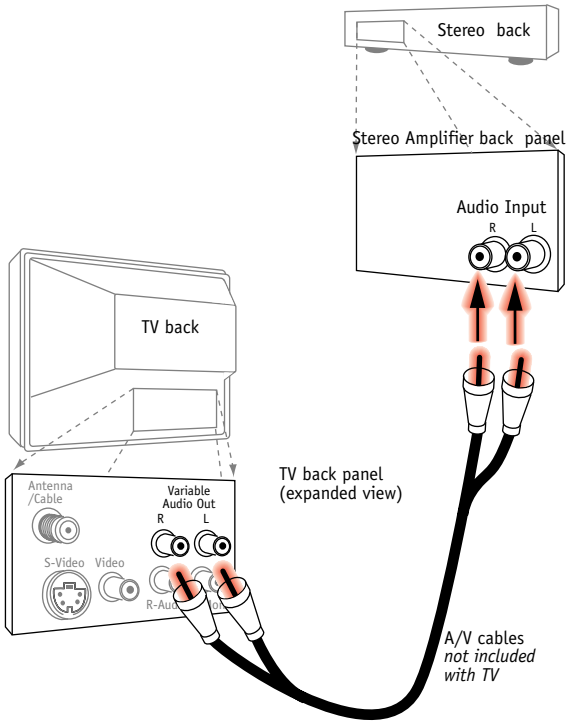
Hook Up Your TV to Stereo Amplifier

For added audio depth and clarity, you can connect your Entertainment Machine to a stereo amplifier!

1 Locate the Left/Right Audio Input jacks on the back of your stereo amplifier. Connect the Audio cables directly to these jacks.

2 Connect these cables from the Left/Right Variable Audio Input jacks to the corresponding Left/Right Audio Out jacks on the back of your TV.

No Audio cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.



Connecting your Entertainment Machine to a stereo amplifier.

A quick list of all the buttons on your remote and what they do.

Remote Control Button Functions

PRG(PROGRAM)
Used to begin programming procedure.

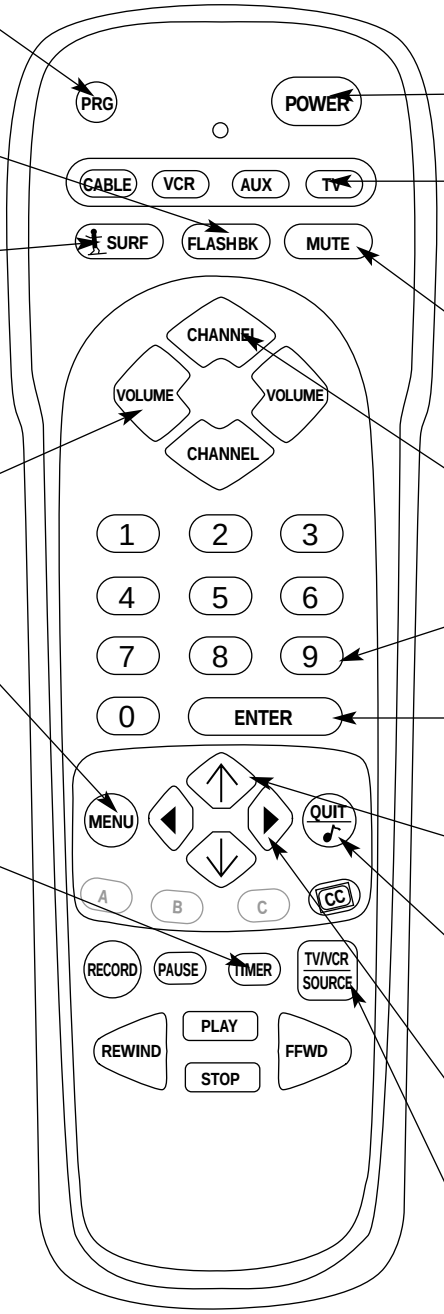
FLASHBK(FLASHBACK)
Return to the last channel viewed.

SURF
Activates custom channel select mode on your Entertainment Machine. When Surf mode is active, CHANNEL UP/DOWN keys "Surf" through the channels you've selected.

VOLUME (LEFT/RIGHT ARROWS)
Adjusts the sound level on your Entertainment Machine.

MENU
Displays on-screen menus. Press repeatedly to cycle through other menus.

TIMER
Displays the Sleep Timer Menu. See page 21 for more information.



remote control part number
MBR3447

POWER
Turns TV On and Off.

(MODES) CABLE/VCR/AUX/TV
Selects mode of operation for Remote Control

MUTE
Turns sound down (Soft) or off (Mute) while the picture remains.

CHANNEL (UP/DOWN)
Cycles through available channels.

NUMBER KEY PAD
Key-in numbers for direct channel tuning.

ENTER
Shows the Channel/Time display. Press after channel numbers for instant selection.

UP/DOWN ARROW
The UP/DOWN arrows select options.

QUIT/
Escape from most Menu options and toggle between Audio features.

LEFT/RIGHT ARROW
The LEFT/RIGHT arrows adjust options.

TV/VCR SOURCE
Switches between watching TV via the available sources, that is ANTENNA/CABLE and VIDEO IN.

If your remote has Night Vision Glow-In-The-Dark keys, it must be exposed to light before the keys will glow in the dark. Longer exposure—longer glow.

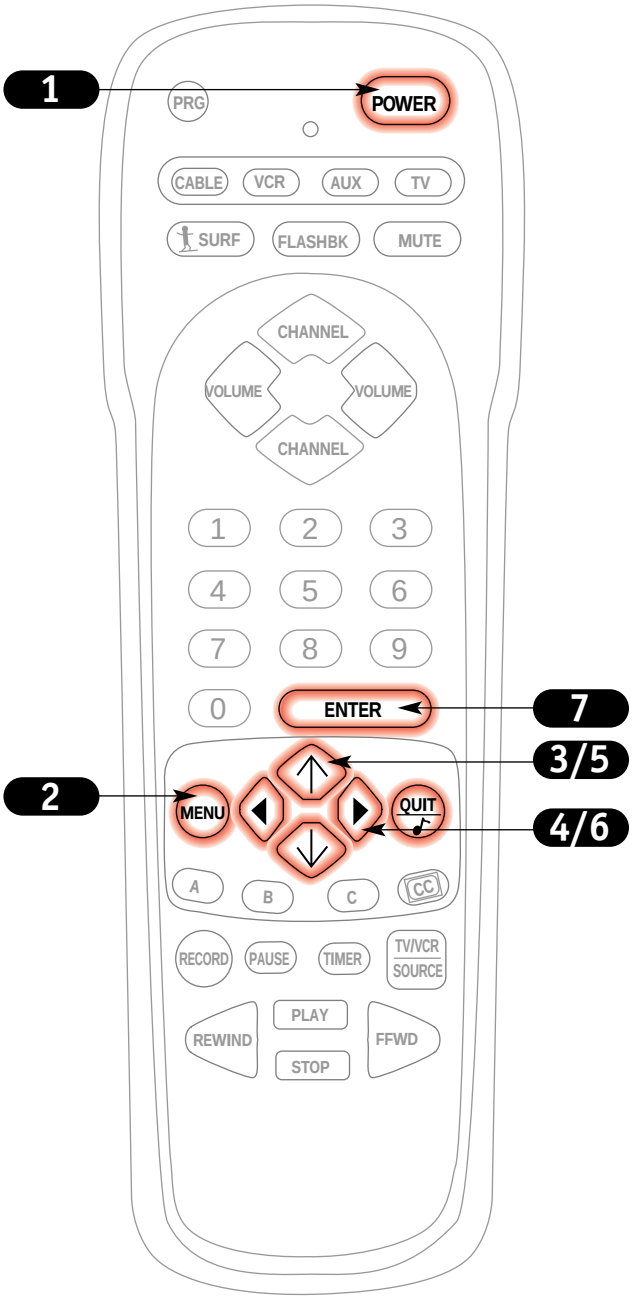
Keys dedicated to VCR functions will still operate your VCR while the remote is in TV mode.

Grey keys indicate that they do not function on your model of TV.

Auto Program

Select your input source, then automatically find and store all the stations available in your area.

1. With the remote control in hand, press the POWER key to turn on your Entertainment Machine.
2. Press the MENU key so the Setup menu appears.
3. Using the UP/DOWN arrows on the remote control, select Auto Program on your screen. (The first selection at the top.)
4. Press a RIGHT or LEFT arrow to reach the Auto Program screen.
5. Using the UP/DOWN arrows, choose either Cable TV or Off-Air Antenna on your screen.
6. Press a RIGHT or LEFT arrow to begin Auto Program.
7. Press ENTER or QUIT to return to TV viewing.



Mini glossary

AUTO PROGRAM Auto Program is how your Entertainment Machine finds all the channels available in your area and stores them into memory.

An example of using the panel on the front of your Entertainment Machine.

Front Panel Diagram

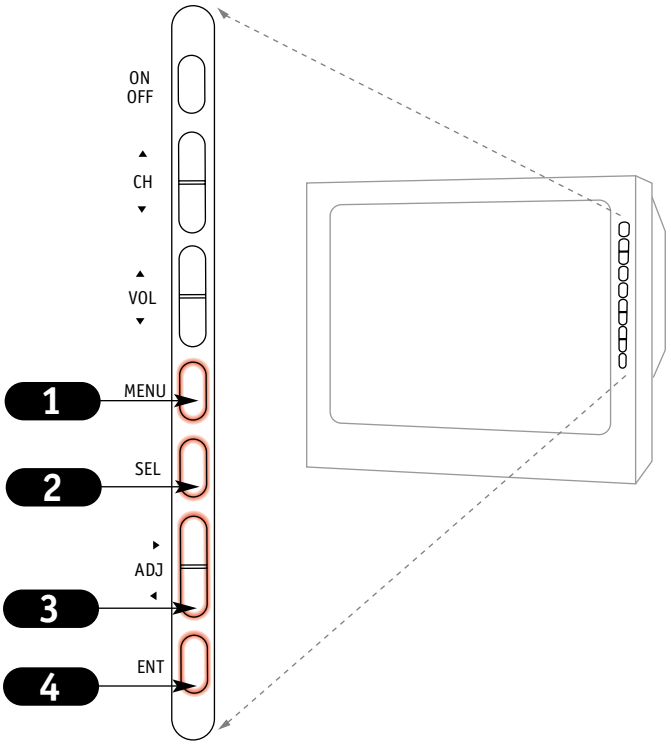
When using the on-screen menus, the buttons on the front panel correspond to the remote control buttons as follows:

1 To access the menus, push the MENU button on the panel. Cycle through the various menus by pushing the button repeatedly.

2 Press the SELECT button repeatedly to highlight the option you want to modify.

3 Press either Right or Left on the ADJUST button to modify the option you have chosen.

4 Push the ENTER button to return to normal TV viewing.



Refer to the various pages on how to use the on-screen menus.

The CHANNEL and VOLUME buttons work just as they do on your remote control.

Lost the remote? Call Zenith at 1-800-365-1690 to ask about purchasing a new one.

Basic Television Operation

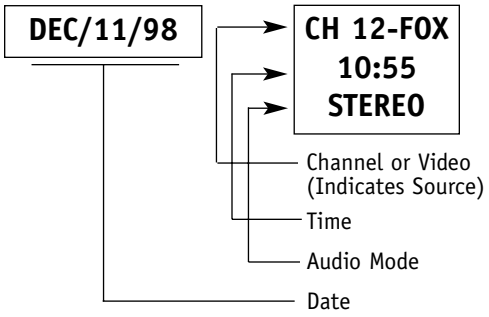
Introducing you to the basics of your Entertainment Machine.

Source

The source button (TV/VCR/Source) on the remote switches between Video input and Cable/Antenna input. On some models A/V input is designated as a channel that is one below the lowest/one above the highest. You'll have to use the Channel Up/Down buttons to access it. The Time/Channel display will read "Video" in place of a channel number.

Cable/Antenna Input: This setting allows you to change cable or antenna channels and to view videocassettes on channel 3 (or 4) in mono sound.

Video Input: This setting allows stereo playback of videocassettes. The television cannot change channels in the Video mode, but the VCR can.



This is an example of the Time/Channel display that appears in the top right and left corners of your screen.

To view the current input source, press ENTER on your remote. The Time/Channel display should appear in the upper right-hand corner of the screen. If the display reads 'Video,' then the source is an A/V input. If the display reads a channel number, then the source is your Cable or Antenna.

Channel Changing

CHANNEL UP/DOWN arrows: Use these arrows to change the channels. Auto Program will have found all channels available to you.

NUMBER Key Pad: To skip to any channel, enter the number of the channel using the NUMBER key pad, then press ENTER.

FLASHBACK: To instantly return to the last channel viewed, press FLASHBACK.

SURF: Switches between the primary channel selection and your customized surf menus. The surf mode will appear in the lower right corner of your screen.

Audio

Volume Right/Left: To adjust the volume level, use the volume Right/Left arrows. To soften the volume of your TV, press MUTE once. To silence your TV instantly, press MUTE twice. To get the sound back, press MUTE again.

Basic Television Operation (cont'd)

Help on combining your Entertainment Machine with more equipment.

There are a number of ways you can choose to integrate your Entertainment Machine with the rest of your equipment. Channels can be changed using the television, the VCR, or the cable box, with advantages to each.

USING THE TELEVISION AS THE TUNER preserves all your channel labels (not available on some models). It also reduces the number of keys on the remote control you need to worry about. (One device, one remote to learn.)

USING THE VCR AS THE TUNER has the advantage of simplifying the recording process. If the VCR is tuned to channel seven, then the VCR will record channel seven.

USING THE CABLE BOX (if you have one) to change the stations sometimes has an advantage, too, especially if your cable provider requires you to use their cable box to descramble their stations.

Setting Up a Tuner

1. Based on the advantages listed above, decide what device you want to use as the tuner for your Entertainment Machine.
2. Connect the antenna or cable source to the input of your tuner. If you chose your television as the tuner, then you're done. Go watch your Entertainment Machine.
3. Connect the output of your tuner to the input of the next device.
4. If you used A/V cables for step 3, set the "next device" to Video input. If you used an RF coaxial cable in step 3, then tune the "next device" to match the output channel of your tuner (usually channel 3 or 4).
5. Repeat steps 3 and 4 until you reach your Entertainment Machine. Then enjoy!

Mini glossary

TUNER	The television, VCR, or cable box that you use to change channels on your Entertainment Machine.
A/V CABLES	Audio/Video cables. Three cables bunched together—right audio (red), left audio (white), and video (yellow).
A/V DEVICE	Any device that produces video or sound (VCR, cable box, or television).

On-Screen Menus

Using the Menu button on your remote you can access all the menus below.

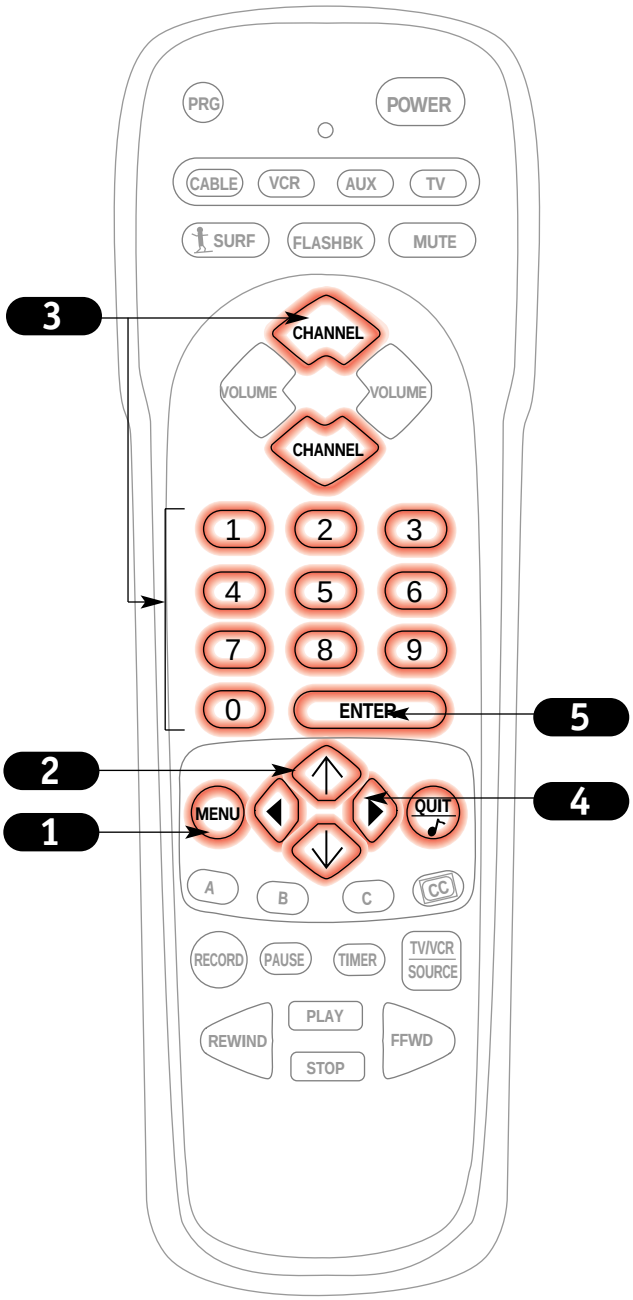
Descriptions of all the menus on your Entertainment Machine.

Menu Name		Go to page
SETUP MENU	Adjust the basic characteristics of your Entertainment Machine.	
Auto Program	Automatically finds and stores active channels to flip through using CHANNEL UP/DOWN.	11
Add/Del/Surf	Manually pick and choose which active channels will appear when flipping through using Channel Up/Down.	16
Clock Set	Set the time and date yourself, or program your clock to automatically detect the time, and to adjust to Daylight Savings when you program in your time zone.	17
Caption	Turn closed captioning on, off, or set it to come on automatically when the television is muted.	18
Caption/Text	Choose the captioning or text method for your Entertainment Machine.	19
Language	Selects language for on-screen menus. Your options are English, Spanish, or French.	20
FEATURES	Customize your Entertainment Machine's functions.	
Timer Setup	Program a time for your Entertainment Machine to turn itself on or off, or to turn itself off after a certain amount of time.	21
Channel Labels	Label your channels with their network names (ABC, CBS, HBO, etc.).	22
Parental Controls	Allows parents to block any channel with the use of a password.	23
Auto Demo	Your Entertainment Machine will show you what it's capable of by running through all of its options and menus automatically.	24
AUDIO MENU	Customize the sound to suit your room and your taste. Your options are: Bass, Treble, Balance, Audio Mode, Front Surround, SoundRite, Speakers.	25
VIDEO MENU	Adjust your picture for any viewing situation. Your options are: Contrast, Brightness, Color, Tint, Sharpness, Color Temp, Picture Preference.	26
SOURCE MENU	Choose from the available sources for the main picture.	27

Customize your channel selection.

Setting Add/Del/Surf

1. Press the menu button.
2. Select the Add/Del/Surf menu (on your TV screen) using the Up/Down select arrows.
3. Using either the number pad or the CHANNEL UP/DOWN arrows on the remote, select a channel.
4. Using the RIGHT/LEFT select arrows, pick whether that channel is Added, Deleted, or on the Surf list.
5. To continue, select another channel. If you are finished, press ENTER or QUIT to return to TV viewing.



The menu will disappear after five seconds if no buttons are pressed. To get it back, press menu again.

If you delete a channel, it isn't gone for good. Just select the channel again using the number keypad on the remote, or add it later.

Once Auto Program has been activated, CHANNEL UP/DOWN will only cycle through selected channels.

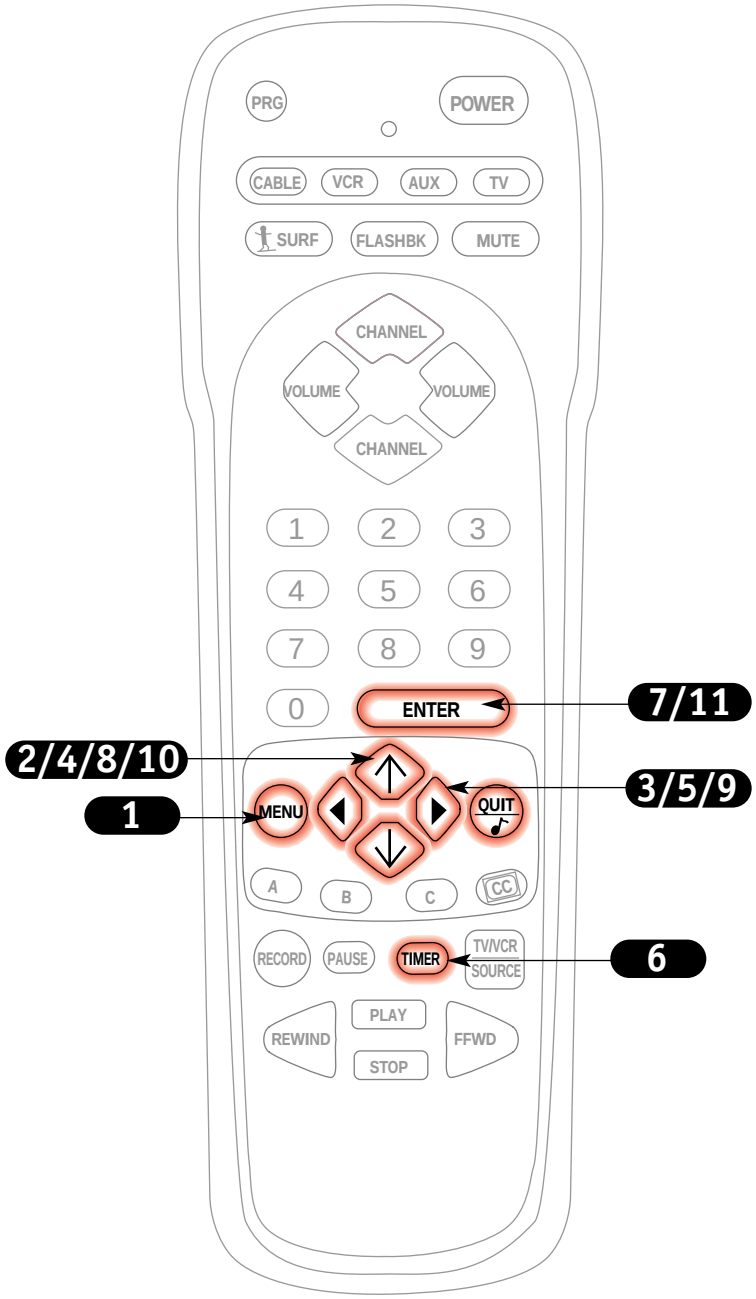
Mini glossary

ADD	This function lets you add new channels to the list that you'll scroll through when using your remote.
DELETE	This function lets you remove channels that you don't watch from the list you'll scroll through.
SURF	The surf function creates a special list of your favorite channels. You can access this group of channels by pushing the surf button on the remote.

Clock Set

Set the clock and date on your Zenith Entertainment Machine.

1. Press the MENU key on the remote control so the Setup menu appears.
2. Using the UP/DOWN arrows on the remote control, select Clock Set on your screen.
3. Press a RIGHT or LEFT arrow to access the Clock Menu.
4. Using the UP/DOWN arrows, select Time Set.
5. Press a RIGHT or LEFT arrow key to adjust the time.
6. Press the TIMER button to select AM or PM.
7. Once you have set the correct time, press ENTER exit the Time Set mode.
8. Now press an UP/DOWN arrow key to select Date Set.
9. Using the LEFT or RIGHT arrows, SELECT the Month, Date or Year.
10. Use the UP/DOWN arrow keys to SET either Month, Date, or Year.
11. Press ENTER or QUIT to return to TV viewing.



You can use the NUMBER key pad to simply type in the time and date (AM and PM are still selected with the Timer key).

Turn on closed captioning that appears at the bottom of your screen.

Caption

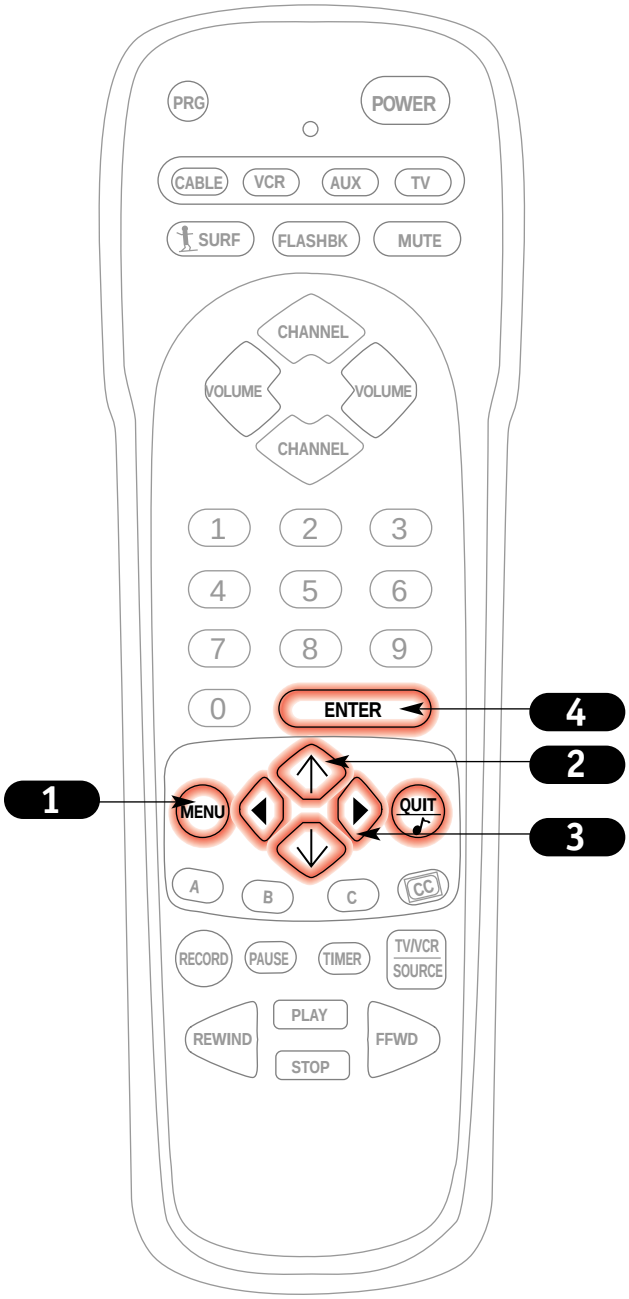
1 Press the MENU key on the remote control so the Setup menu appears.

2 Using the UP/DOWN arrows on the remote control, select Caption on your screen.

3 Press a RIGHT/LEFT arrow to choose any of the following options: On, Caption When Muted, or Off.

4 Press ENTER or QUIT to return to TV viewing.

Captions come in handy when the television is on Mute or Soft.

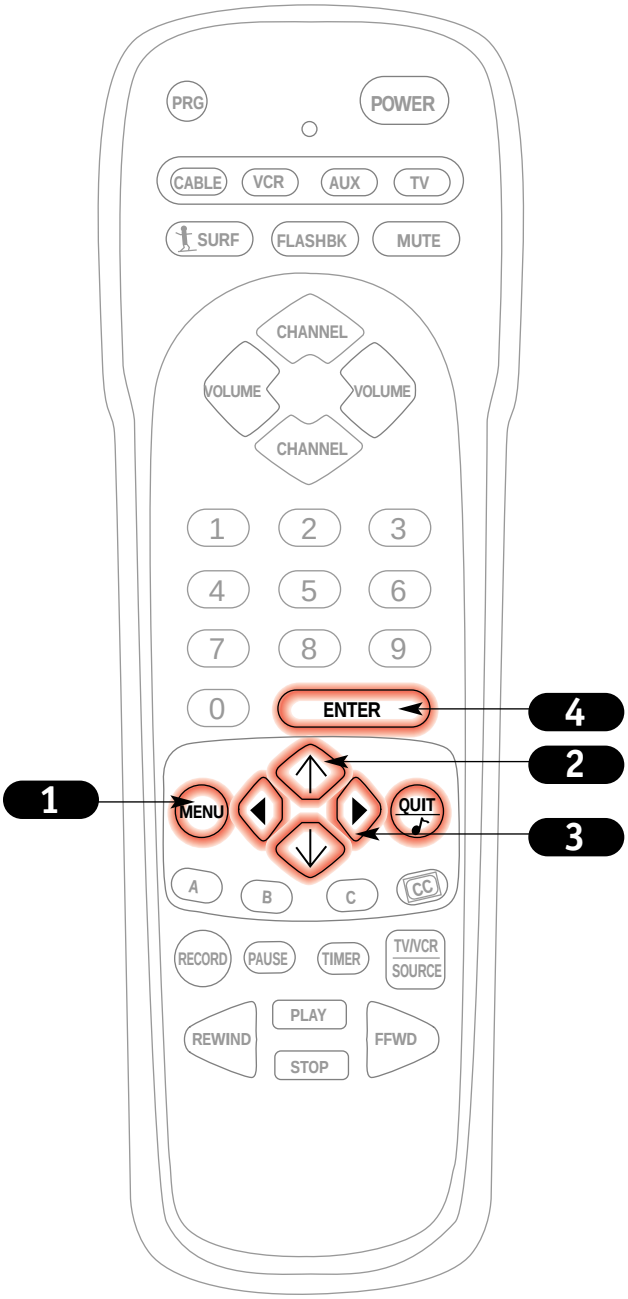


Caption/Text

Turn on closed captioning or text that appears on your screen.

Caption/Text is a feature which allows your Entertainment Machine to receive various closed caption and text options provided by your broadcaster. Availability and functionality of Caption/Text feature is determined only by your broadcaster and may not be available in your area.

1. Press the MENU key on the remote control so the Setup menu appears.
2. Using the UP/DOWN arrows on the remote control, select Caption/Text on your screen.
3. Press a RIGHT/LEFT arrow to choose any of the following options: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3 or Text 4.
4. Press ENTER or QUIT to return to TV viewing.



Standard closed captioning is available using the Caption 1 option.

Not all programming has closed captioning or text available.

Language Options

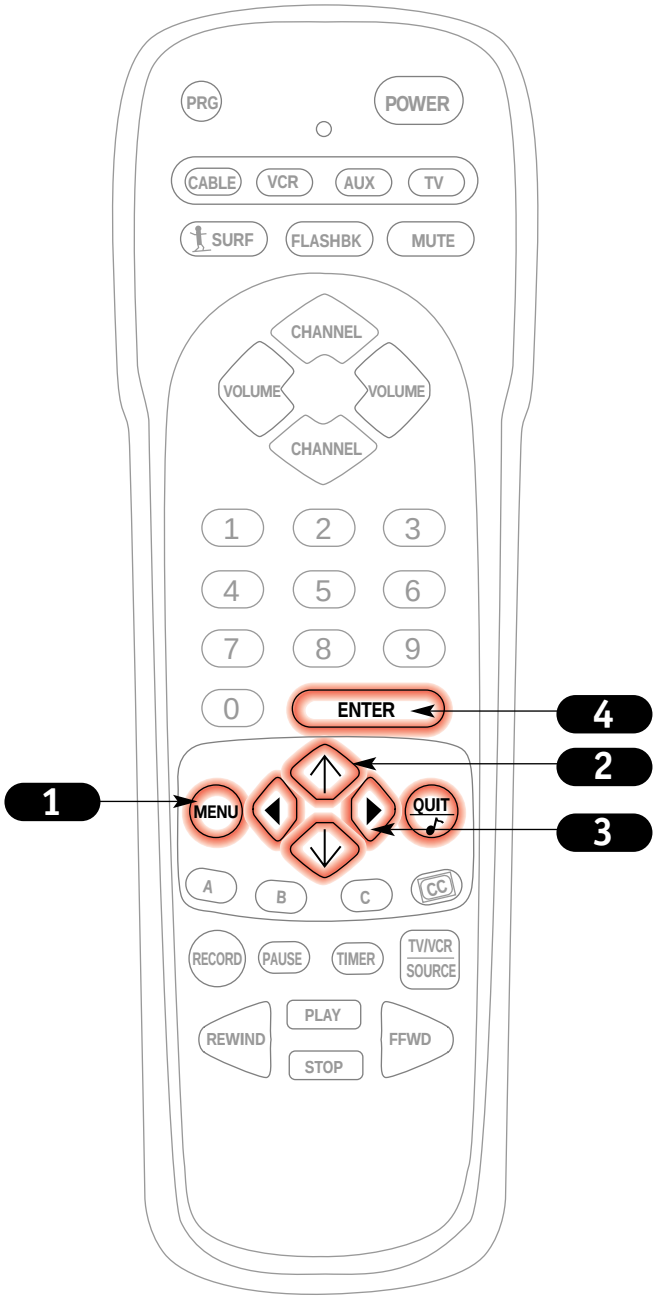
Choose the language you want all the menus to appear in.

1 Press the MENU key on the remote control so the Setup menu appears.

2 Using the UP/DOWN arrows on the remote control, select Language on your screen.

3 Press a RIGHT/LEFT arrow to choose any of the following options: English, Spanish, or French.

4 Press ENTER or QUIT to return to regular TV viewing.



Timer

Automatically turn your Zenith Entertainment Machine on or off.

1 Press the MENU key on the remote control repeatedly so the Special Features Menu appears.

2 Using the UP/DOWN arrows on the remote control, select Timer Setup on your screen.

3 Press a RIGHT/LEFT arrow. The Timer Menu screen will appear.

4 Sleep Timer: Use the RIGHT/LEFT arrows to adjust the length of time until the TV shuts down (select a countdown from ten minutes to four hours).

Note: At this point, continue to step five to set the On Time, or press ENTER or QUIT to return to TV viewing.

5 On Time: Using the UP/DOWN arrows on the remote control, select On Time on your screen.

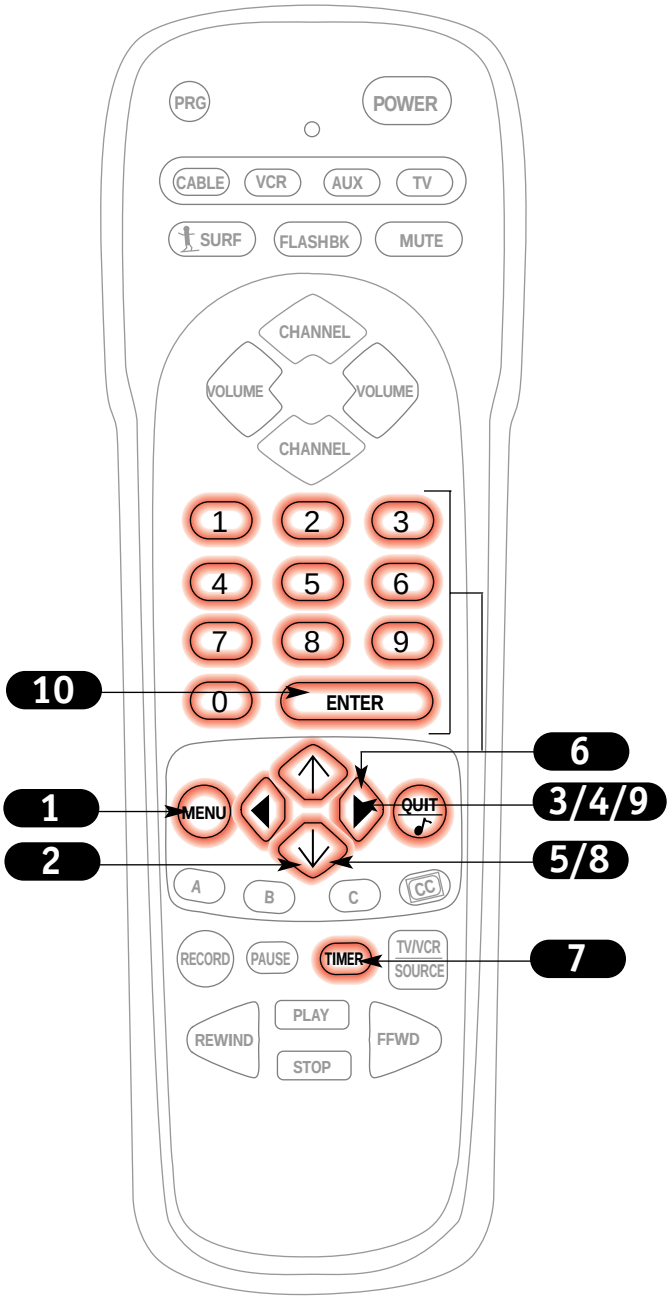
6 Press a RIGHT or LEFT arrow or use the NUMBER key pad to enter the time your TV will automatically turn on.

7 Press the TIMER button to select AM or PM.

8 Press the UP/DOWN arrow keys to select On/Off Timer.

9 Press the LEFT or RIGHT arrow to turn on the On/Off Timer.

10 Press ENTER or QUIT to return to TV viewing or continue programming by repeating the above steps for Off Time.

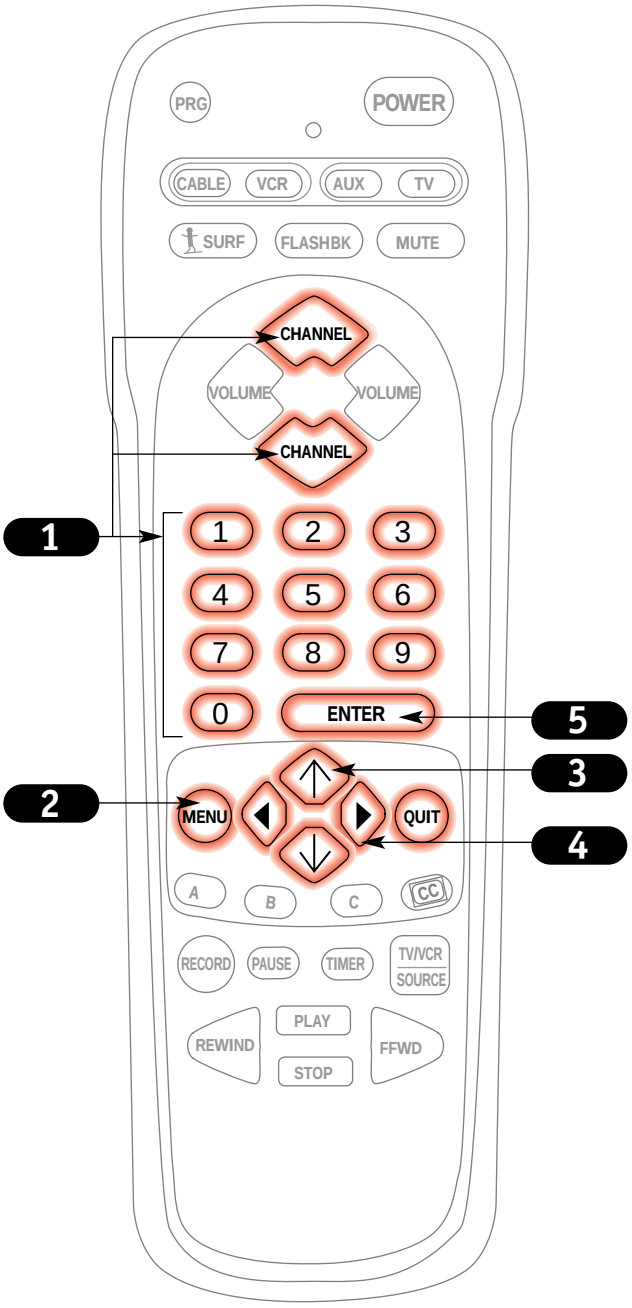


The On/Off timer will not work until the Clock on your television has been set.

Channel Labels

Label your television channels.

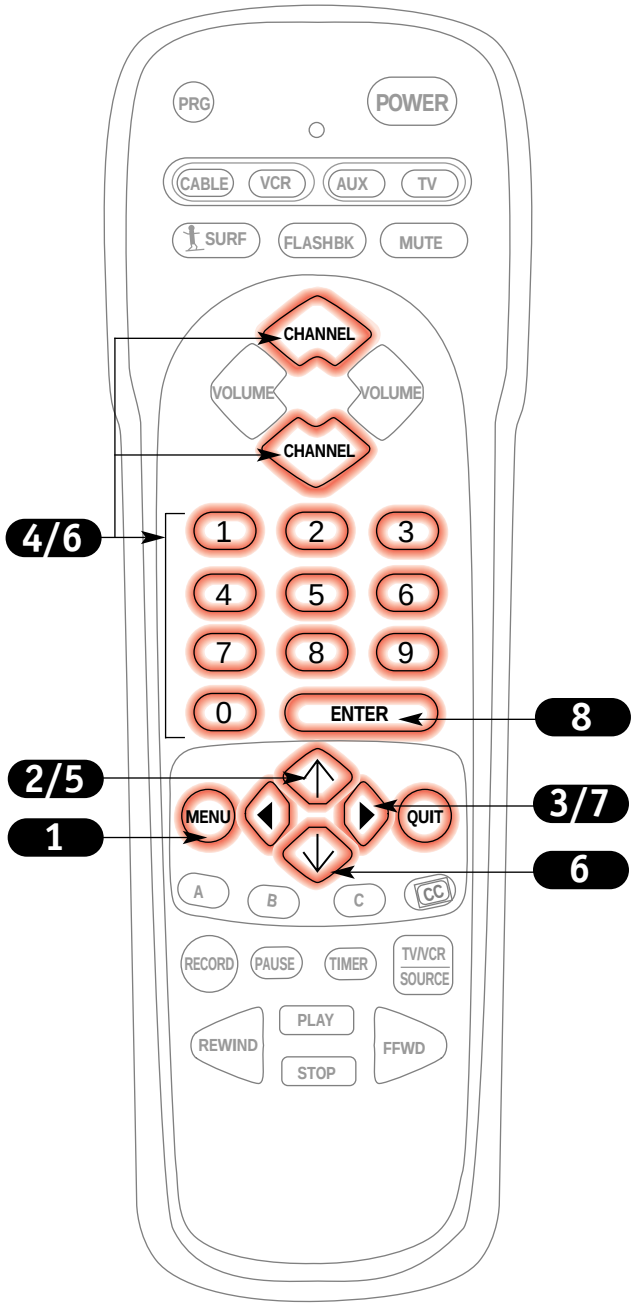
1. Using the NUMBER key pad or the CHANNEL UP/DOWN arrows, select the channel you wish to label.
2. Press the MENU key on the remote control repeatedly so the Special Features menu appears.
3. Using the UP/DOWN select arrows on the remote control, select Ch. Labels on your screen.
4. Using the RIGHT/LEFT adjust arrows, choose the channel label that best describes that channel.
5. Choose another channel to label using the process described in steps 1 and 4, or press ENTER or QUIT to return to TV viewing.



Parental Control

Keep control of the kids' viewing habits, even when you're not around.

1. Press the MENU key on the remote control repeatedly so the Special Features menu appears.
2. Using the UP/DOWN arrows, select Parental Ctl.
3. Press the RIGHT/LEFT arrows and the Parental Ctl. screen will appear.
4. Block Ch.: Use the NUMBER key pad or the CHANNEL UP/DOWN arrows to choose a channel. Press the RIGHT/LEFT arrows to block or unblock the channel.
5. Set Hours: Using the UP/DOWN arrows on the remote control, select Set Hours. Press a RIGHT/LEFT select arrow to adjust length of time your TV will automatically block a channel.
6. Password: Press the DOWN arrow to select Password. Enter a four digit code using the NUMBER key pad on your remote. Enter it again to confirm password.
7. After your password is confirmed, 'Lock On/Off' will be selected. Use the RIGHT/LEFT arrows to turn parental control on or off.
8. Press Enter or Quit to return to TV viewing.
9. Return to the Parental Control menu to unblock a channel.



Parental control will still work even if the TV has been unplugged. The Lockout time will always reset itself when the TV is plugged in.

Remember your password! You can't enter the Parental Control menu without it until after the lockout time has passed.

Your Entertainment Machine will show you all the menu options.

Auto Demo

1 Press the MENU key on the remote control so the Special Features menu appears.

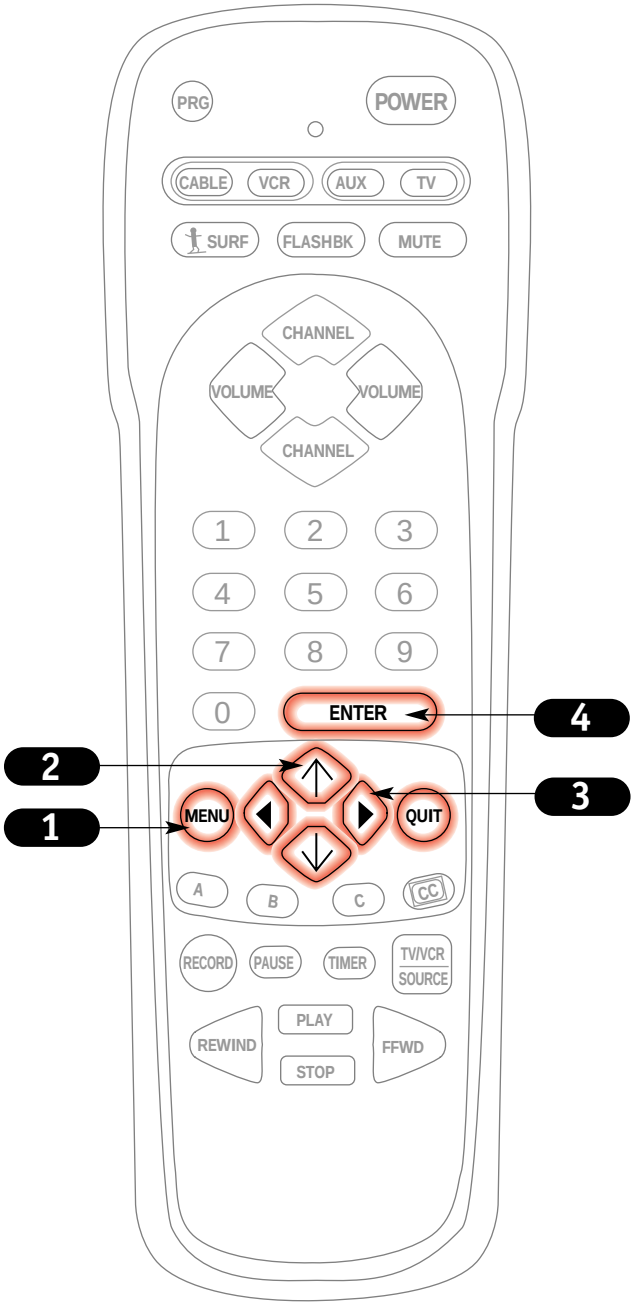
2 Using the UP/DOWN select arrows on the remote control, select Auto Demo on your screen.

3 Turn Auto Demo on or off using the RIGHT/LEFT adjust arrows.

4 Press ENTER to return to TV viewing.

Auto Demo will continually show you every menu and display that your Zenith Entertainment Machine has. It will even attempt to show you what it does.

To turn Auto Demo off, select it in the Set Up menu and shut it off with the RIGHT/LEFT adjust arrows.



Audio Menu

Choose between stereo sound, mono sound, or SAP.

1 Press the MENU key on the remote control so the Audio menu appears.

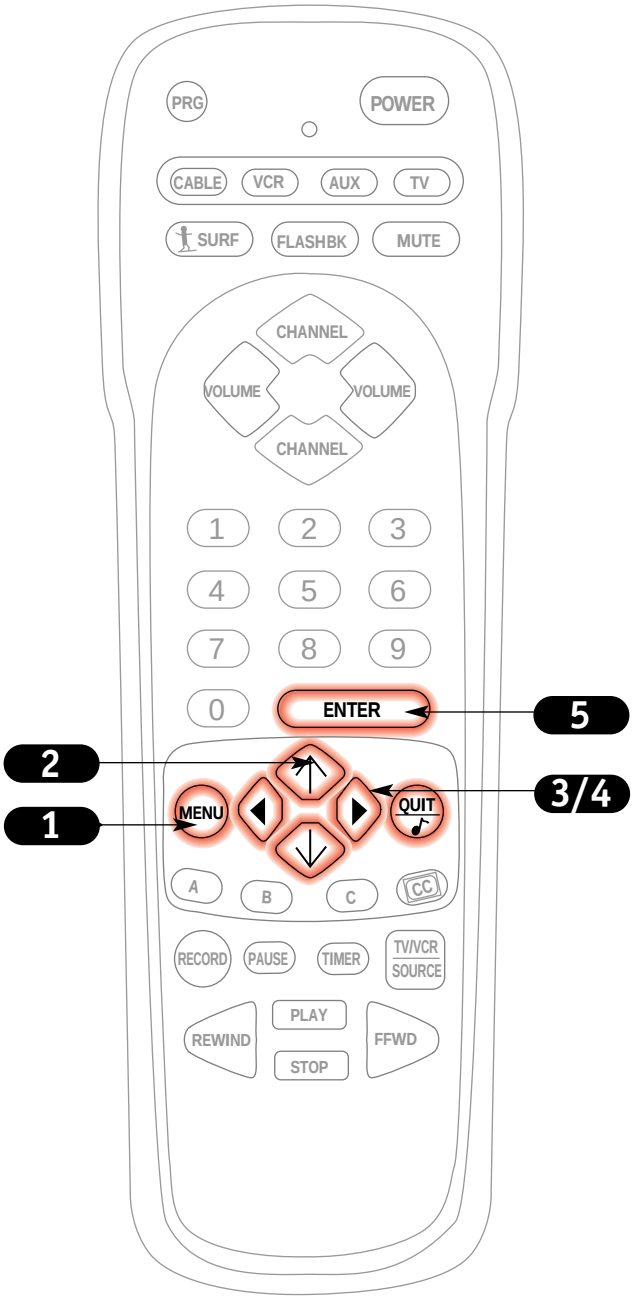
2 Using the UP/DOWN arrows on the remote control, select the setting you want to change. Choose from:

- **Bass**: Increases/decreases lower-end sounds.
- **Treble**: Increases/decreases higher-end sounds.
- **Balance**: Allows you to put the sound more to the left or right channel.
- **Audio Mode**: Choose from Stereo sound, Mono, or 2nd Audio/SAP.
- **Front Surr**: Turn the front surround sound speakers on or off.
- **Sound Rite**: Scans for changes in sound level during commercials, then adjusts the sound to match your current level.
- **Speakers**: Turn the regular speakers on or off.

3 Press a RIGHT/LEFT arrow to change the option you have selected.

4 Use the RIGHT/LEFT arrows to adjust the sound setting to whatever you prefer.

5 Press ENTER or QUIT to return to TV viewing, or press the UP arrow and return to the Audio Menu to adjust another option.



Not all programming is broadcast in stereo sound, or Second Audio Programming/SAP.

QUIT toggles between Audio features.

Mini glossary

STEREO SOUND	Stereo (Stereophonic) sound refers to audio that's divided into right and left sides.
MONO SOUND	Mono (monaural) sound is one channel of sound. On more than one speaker all the speakers play the same audio.
2ND AUDIO/SAP	Second Audio Programming (SAP) is another, separate, audio channel available with some programming. Choosing SAP often refers to listening to audio in another language, such as Spanish or French.

Video Menu

Use the Video menu to customize how your picture looks.

1 Press the MENU key repeatedly and the Video menu will appear. Your options are:

- **Contrast**: Adjusts the level of difference between white and black in the TV picture. The more contrast, the brighter the picture appears.
- **Brightness**: Increases or decreases the amount of white in the TV picture.
- **Color**: Adjusts levels of all colors in the TV picture.
- **Tint**: Balances between amounts of red and green in the TV picture.
- **Sharpness**: Raises or lowers the definition of the TV picture. The lower the level, the softer the images will appear.
- **Color Temp**: Adjust the color qualities of the entire picture at once: Cool or Warm.
- **Picture Preference**: Choose either Custom or Preset. Custom allows you to set the picture the way you want. Preset moves all the above options back to their original levels.

2 Using the UP/DOWN arrows on the remote control, select Contrast on your screen.

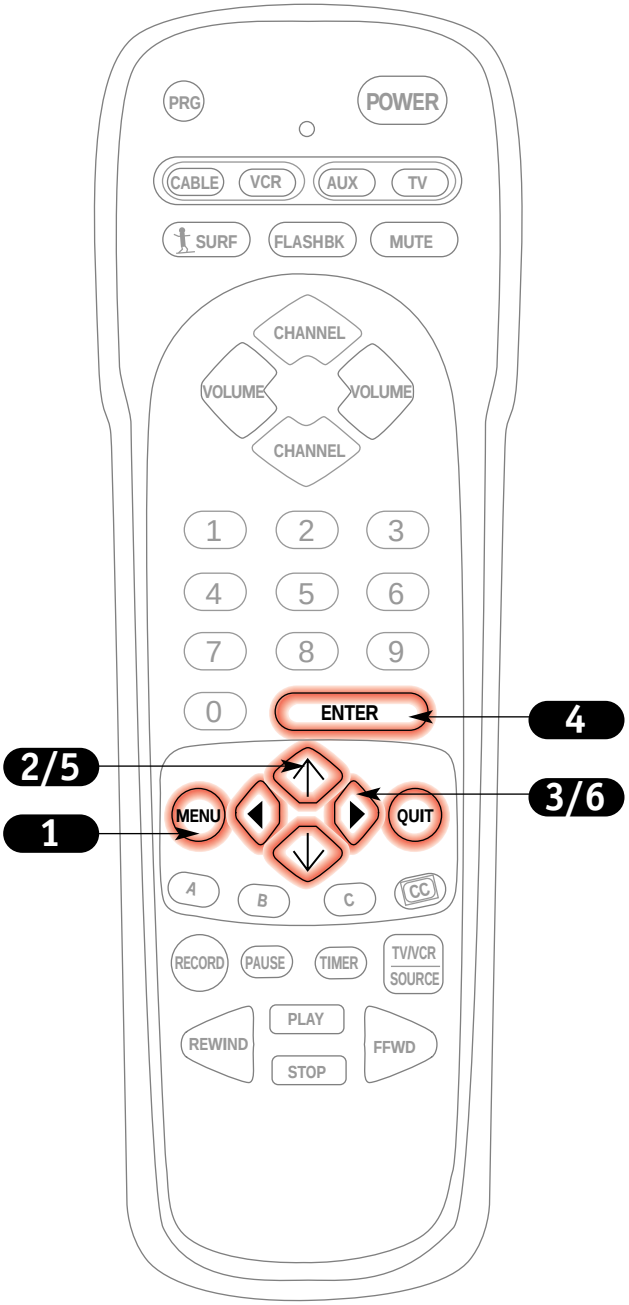
3 Using the RIGHT/LEFT arrows, adjust the contrast level to your preference.

4 Press ENTER, QUIT or MENU one more time to return to TV viewing, or repeat from step four to set the other menu options.

5 Using the UP/DOWN arrows, select Picture Preference on your screen.

6 Using the RIGHT/LEFT arrows, choose either the original settings with Preset, or use your own settings with Custom.

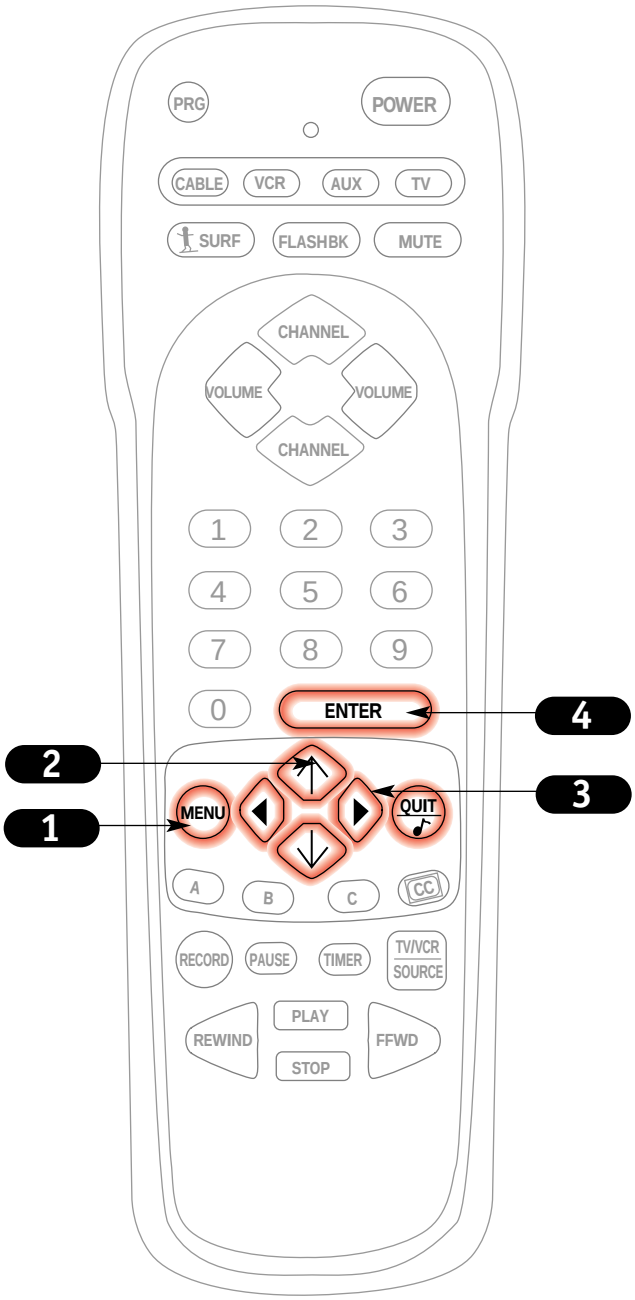
Just choose the Preset option in Picture Preference to quickly reset the levels.



Source Menu

Select the signal source for your Entertainment Machine.

1. Press the MENU key on the remote control repeatedly so the Source menu appears.
2. Using the UP/DOWN arrows on the remote control, select Main Source on your screen.
3. Press a RIGHT or LEFT arrow to choose one of the following options: “Antenna/Cable” or “Video or S-VHS”.
4. Press ENTER or QUIT to return to TV viewing.



Programming the Remote

Program your remote to work with a vast range of A/V devices.

1 The device you want to program should be ON.

2 On the chart in this manual, find the type of device you're programming and then find the brand name. Make a note of the three-digit code—you'll need it soon.

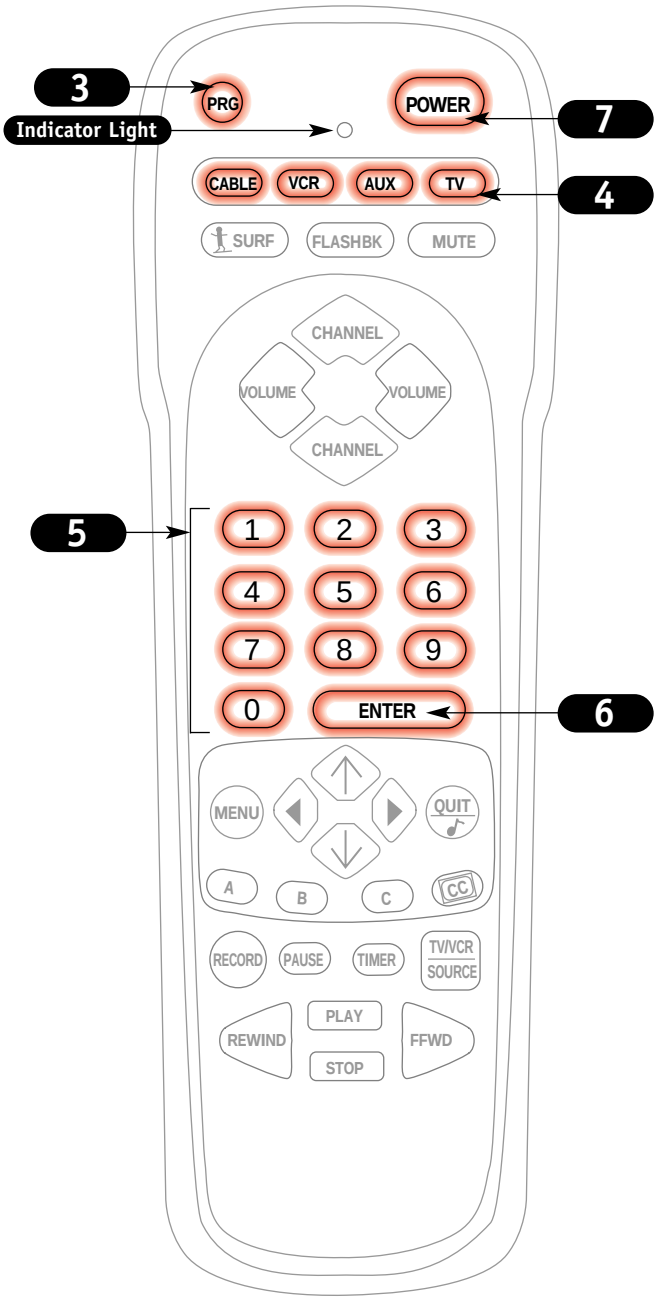
3 Press and hold the PRG key. It's recessed so it doesn't get pushed accidentally. When the indicator light turns on, you can release the button.

4 Push the button with the name of the device you're programming (VCR, CABLE, AUX, TV).

5 Using the number pad, enter the three digit code found on the chart in the Reference section.

6 Press ENTER to save the code The indicator light will flash three times and turn off if the code was accepted..

7 Aim the remote at the device and push the POWER button. It should turn off. If not, try the other codes listed and continue from step three.



Programming your Zenith remote will allow you to use one remote to work up to 7 different devices!

Not all devices will work with your Zenith remote control.

Amplifier Volume Override

Control the volume on your sound amplifier without leaving TV mode.

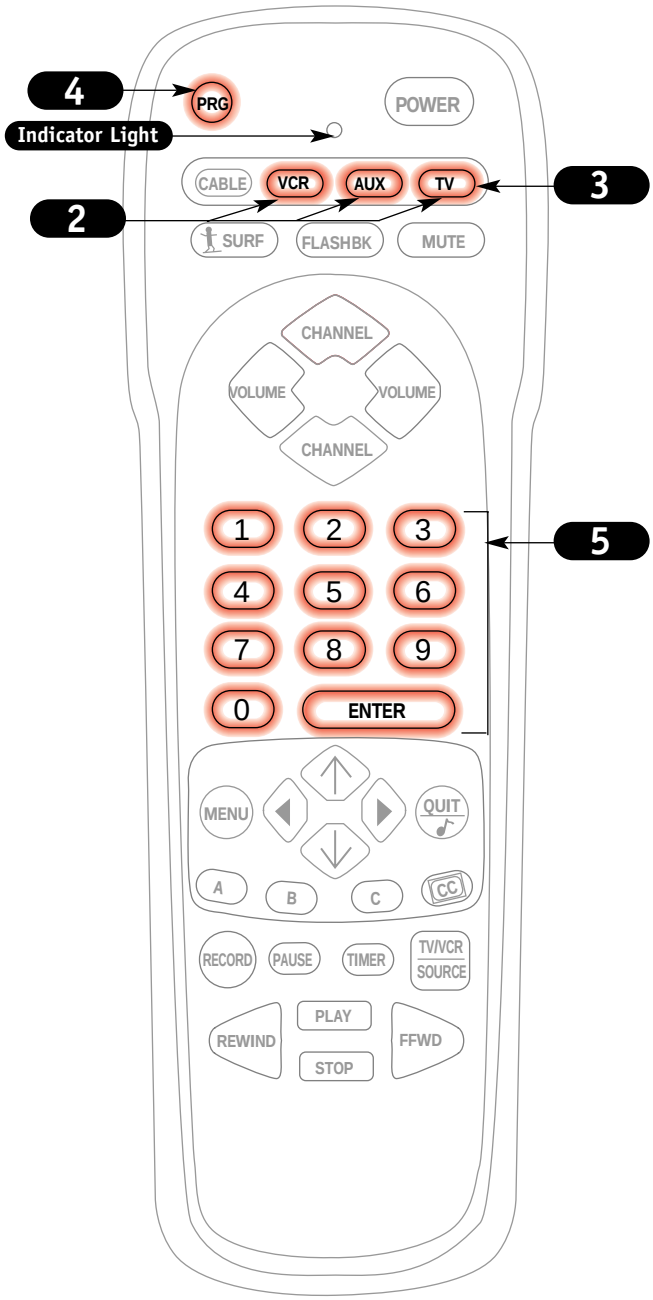
1 Program the code that operates your amplifier into the CABLE or AUX mode, as described on the "Programming Your Remote" page.

2 Select the mode in which you want volume to appear (e.g. TV).

3 Press and hold PRG on your remote until the indicator light stays lit.

4 Press 4-9-9; then ENTER on the remote. The indicator light will flash three times if code is accepted.

5 Audio system volume/mute now appears in the mode selected.



Your volume and mute keys now control your amplifier, while all the other keys still operate the Entertainment Machine. To put everything back to normal, reprogram all buttons with their original codes (see the "Programming Your Remote" section).

If you can't find the code for your amplifier, use the Auto Find feature.

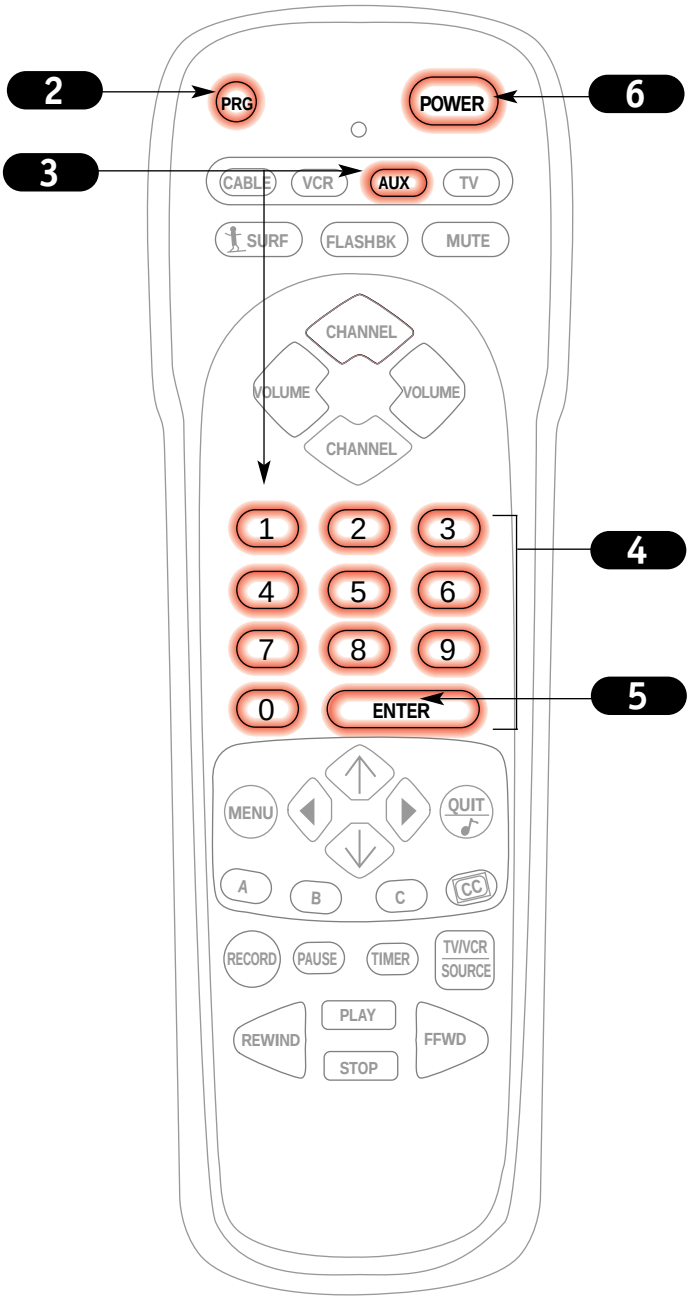
Mini glossary

AMPLIFIER	An external machine that amplifies sound from a television, CD player, VCR, or other A/V device.

Control up to seven different devices with your remote!

AUX+1, AUX+2, AUX+3

1. Refer to the chart in this manual to find the type and brand name of the device you're programming.
2. Press and hold the PRG key until the indicator light turns on.
3. Press the AUX key and the 1 on the number pad at the same time (for AUX +1).
4. Using the number pad, enter the three-digit code for the device you've selected.
5. Press Enter to save the code.
6. Aim the remote at the device and press POWER. It should turn on.
7. Repeat the steps for AUX+2, and AUX+3.



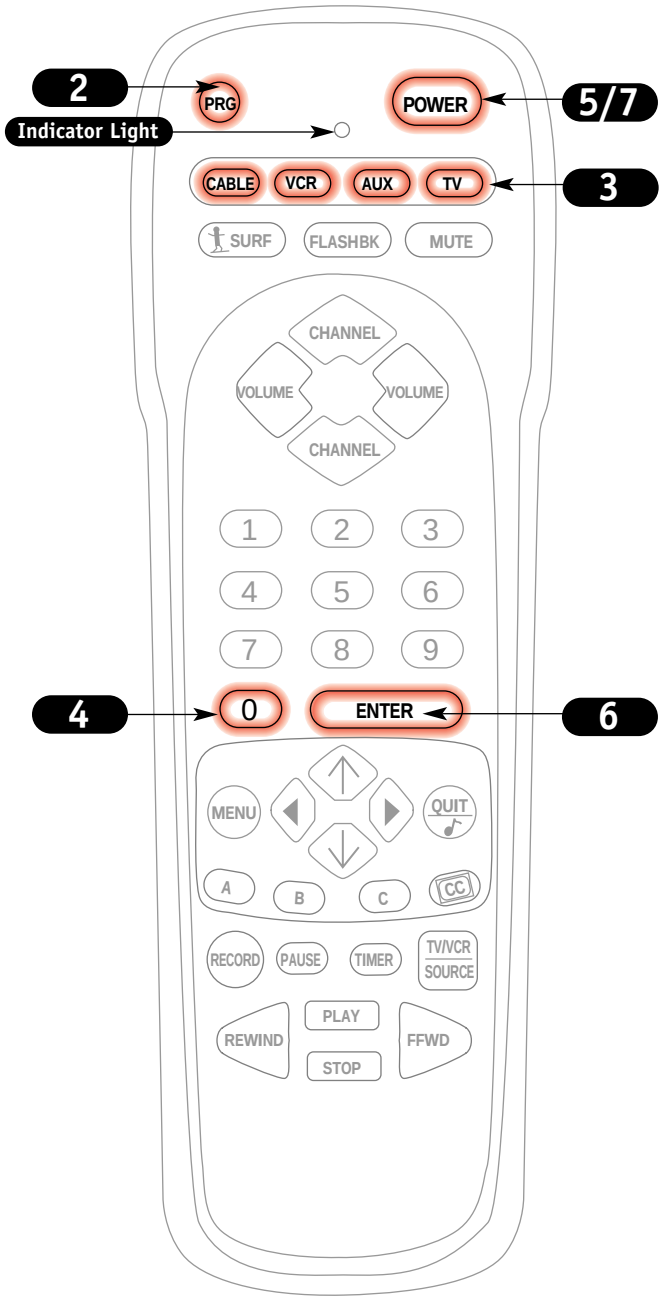
Programming your Zenith remote will allow you to use one remote to work up to 7 different devices!

Not all devices will work with your Zenith remote control.

Remote Control Auto-Find

If Programming the Remote did not find your code, try this procedure to automatically find the code for your device. If your remote becomes inoperable, go back to "Programming your Remote" and enter the Zenith TV code for step five.

1. Turn on the device you're programming for the remote control.
2. Press and hold the PRG key until the indicator light turns on.
3. Press the key for the device you're trying to program (CABLE, VCR, AUX, TV).
4. Enter the code 0-0-0 (zero-zero-zero), then press the ENTER key right away.
5. Aim the remote at the correct device and press the POWER button. Allow a second to pass, then push the POWER button again. Repeat until the device turns off. (This is a trial and error process, so it may be necessary to repeat these steps until the remote finds your code.)
6. Push ENTER to save the code.
7. Press POWER to turn the device back on.



Use the remote control to search all possible codes.

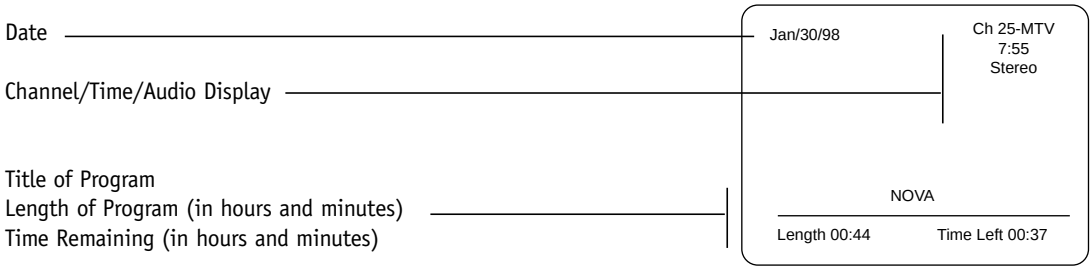
You can quickly get out of Auto Find by pressing the Quit button.

If the indicator light stays on while you push Power, instead of turning off, all the codes have been tried and your device can't be programmed.

XDS Service (Some Channels Only)

Receive detailed program information on most Public Broadcasting stations.

XDS = Extended Data Service
Some broadcasters are including on the signal they provide additional information (data) about the program. This additional information appears on your TV screen when you press ENTER; if the channel has XDS.



Example of an XDS Data Display

Showing XDS Data
Select a channel. Press ENTER to display XDS data; if available.

XDS Channel Labels
XDS can provide a channel label automatically. For the programs to display an XDS channel label, select the dashes (- - - -) for that channel from the Channel ID option in the Setup Menu.

At this time, XDS data is only being provided by some broadcasters; it is only available on some channels.

You must set the Clock in the Setup Menu before the time will appear on the Channel/Time Display or on the XDS display.

Mini glossary

BROADCASTER	Channel or network providing the television program.

Programming Codes

Find the codes you need to program your remote. On this page: TVs and VCRs.

TVs

Admiral 116 121 130 133
Adventura TV/VCR . 154
Akai 104
Amark 103 146
AOC 104
Bell & Howell . . . 121
Broksonic 131 136
Candle 139
Centurion 119
Citizen 121 139
Contec 141
Coronado 103
Crown 103
Curtis Mathes 116 119 121
Daewoo 149 159
Daewoo TV/VCR . . 148
Daytron 119
Elektra 121
Emerson 103 104 123 124 131 136 145
Emerson TV/VCR . . 158
Fisher 109 118
Funai TV/VCR 154
General Electric . . 106 107 114 116 117 161
Goldstar 103 104 119 147
Goldstar TV/VCR . . 153
Hitachi 102 103 129 163
J.C. Penney 104 110 114 117 119
JVC 125 132 164
KMC 103
KTV 103 104 138
Kurazai 121
Lodgenet 121
Logik 121
LXI 133 137
Magnavox 103 112 113 117 119 127 128 139 165
Magnavox TV/VCR . 173
Majestic 121
Marantz 104 120 155
Megatron 146
Memorex 121
MGA/Mitsubishi. . . 104 119 120 130 140 155
Montgomery Ward . 103 104 105 113 114 119 121 130 133
NEC 104 119
Panasonic 106 107 160 166
Panasonic TV/VCR . 174
Philco 103 104 112 113 139
Philips 112 113
Pioneer 135
Portland 103
ProScan 116 157 162 167
Quasar 106 107
RCA 104 116 126 157 161 162 167 168
Realistic 105 123 124
Sampo 119
Samsung 103 119 134 141
Sanyo 108 109 118
Scott 119 124
Sears 103 108 109
110 111 118 134
Sharp 103 105 122 133 137 156 169
Signature 2000 . . . 103 104 105 113 114 119 121 130 133
Sony 115 143 151 170
Soundesign 139
Sylvania 112 113 117 119 127 128 139
Symphonic TV/VCR 154
Tatung 106
Teknika 103 112 121 124 139
Telerent 103 121
Toshiba 110 111 134 171
XR 1000 121
Yorx 119
Zenith 101 149 175
Zenith TV/VCR . . . 153 154 172

VCRs

Admiral 208 261
Adventura 231
Aiwa 231
Akai 223 238 241
Audio Dynamics . . 202 218
Bell & Howell 206 247
Broksonic 221 226 250 255
Canon 214
Citizen 209
Craig 212
Curtis Mathes . . . 214 259
Daewoo 244 246 248 254
Daytron 236 246
DBX 202 218
Emerson 203 209 221 223 226 233 235 243 250
Fisher 211 212 213 247
Funai 231
General Electric . . 214 216 220
Goldstar 209
Go Video 256 262 263
Hitachi 215 257
Instant Replay . . . 214 227
J.C. Penny 214 215 218 227
JVC 202 224 225 258
Kenwood 202
Logik 239
LXI 209 231
Magnavox 207 214 231
Marantz 207 218
Marta 209
Memorex 206 212 214 231
Mitsubishi 204 222 252 264
Montgomery Ward . 208 214 216 219 231 249
Multi Tech 239
NEC 202 218
Orion 250
Panasonic 214 251 259
Pentax 215
Philco 207 214
Philips 207 214 227
Pioneer 210 215
Portland 246
ProScan 216 260
Quasar 214 259
RCA 215 216 220 227 240 242 249 260
Realistic 206 208 212 214 231
Samsung 220 230 238
Sansui 239
Sanyo 206 212 247
Scott 204 205 233 243
Sears 206 209 211 212 215
Sharp 208 261
Shintom 239
Signature 2000 . . . 208 214 216 219 231 249
Sony 217 232 237
Sylvania 207 214 227
Symphonic 231
Tashiko 209
Tatung 202
Teac 202 231
Teknika 209 234
Toshiba 205 215
XR 1000 239
Vector Research . . 204 218
Yamaha 202 218
Zenith 201 224 225 229 237

Programming Codes

Find the codes you need to program your remote. On this page: Cable, Satellite, Video Disc Players, CD Players and Tape Decks

Cable Satellite

Allegro 358 362
Allegro A/B Switch 361
Gemini 305 331 338
General Electric. . . 367
General Instrument 304 305 306 307 308 309 310 318
Hamlin 302 303 345 365 366
Jerrold 304 307 308 309 310 318 360 363
Kale Vision 335
Macom 314 321
Magnavox 334
NSC 335 339 368 369 370
Oak 311 332 342
Panasonic 313 320
Paragon 333
Philips 347 350 352 354 355
Pioneer 315 343
RCA DSS 373
Regency 329
Samsung 335
Scientific Atlanta . 316 323 336 364
Sprucer 313
Standard Comp . . . 335
Stargate 379
Texscan 339 356 371
Tocom 317 318 346
Unika 348 362
United Satellite . . 344
Universal 358 362
Vid Tech 340
Video Way 349
Viewstar 354 355 372
Zenith 301 353 374
Zenith Satellite . . 312 328 330 351 378

Video Disc Players

Pioneer 402 403
Sanyo 401
Sony 404
Zenith 401

Audio CD Players

Akai 409 424
Crown 410
Denon 411
Fisher 412 438
Goldstar 460
Harman/Kardon . . 413
JVC 415
Kenwood 412 416 417 441
Magnavox 421 422 433 434
Mitsubishi 423 424
NAD 425 426 447
Nakamichi 427 428
NEC 429
Onkyo 430
Panasonic 431 432
Philips 421 433 434
Pioneer 431 435
Quasar 432
Radio Shack 431 436 439 440 441
RCA 437
Sanyo 438 439
Scott 440
Sharp 441 442
Sony. 443 444 445
Soundesign 461 498 501 502
Sylvania 433
Teac 446
Technics 432 459
Toshiba 447
Yamaha 448
Zenith 460 461 498 501 502

Audio Tape Decks

Denon. 455
Harman/Kardon. . . 456
JVC 457
Kenwood 450
Onkyo. 458
Philips DCC 454
Pioneer 451 478
Sony. 452

Audio Tuners/Amps

Denon. 462 463
Fisher 464
Goldstar 460
Harman/Kardon . . 465
JVC 466
Kenwood 468 469
Marantz. 472 503
Onkyo 473
Philips 475 476
Pioneer 477 478 479
Radio Shack 487 488
Realistic 480
Sanyo 481
Scott 482
Sharp 483
Sony. 489 490 491 492
Soundesign 461 498 501 502
Teac 494 495
Technics 497
Yamaha 496
Zenith 460 461 498 501 502

Zenith Product Codes

A complete list of the button functions on your remote control.

KEY NAME	TV Mode Zenith Code 101	VCR Mode Zenith Code 201	Cable Mode Zenith Code 353	AUX Mode Zenith Code 401
POWER	TV On/Off	VCR On/Off	Cable Box On/Off	AUX TV/Disc
CABLE	Selects Cable	Selects Cable	Selects Cable	Selects Cable
VCR	Selects VCR	Selects VCR	Selects VCR	Selects VCR
AUX	Selects Aux	Selects AUX	Selects Aux	Selects AUX
TV	Selects TV	Selects TV	Selects TV	Selects TV
SURF	Surf On/Off	VCR AM/PM	Cable FC/Fav Ch	AUX Audio
FLASHBK	TV Flashback	VCR Flashback	Cable Flashback	AUX Frame/Time
MUTE	TV Mute	TV Mute	TV Mute	TV Mute
CHANNEL UP	TV Channel Up	VCR Channel Up	Cable Channel Up	AUX Skip >>
CHANNEL DN	TV Channel Dn	VCR Channel Dn	Cable Channel Dn	AUX Skip <<
VOLUME (RIGHT)	TV Volume Up	TV Volume Up	TV Volume Up	TV Volume Up
VOLUME (LEFT)	TV Volume Dn	TV Volume Dn	TV Volume Dn	TV Volume Dn
1	TV Digit 1	VCR Digit 1	Cable Digit 1	AUX Digit 1
2	TV Digit 2	VCR Digit 2	Cable Digit 2	AUX Digit 2
3	TV Digit 3	VCR Digit 3	Cable Digit 3	AUX Digit 3
4	TV Digit 4	VCR Digit 4	Cable Digit 4	AUX Digit 4
5	TV Digit 5	VCR Digit 5	Cable Digit 5	AUX Digit 5
6	TV Digit 6	VCR Digit 6	Cable Digit 6	AUX Digit 6
7	TV Digit 7	VCR Digit 7	Cable Digit 7	AUX Digit 7
8	TV Digit 8	VCR Digit 8	Cable Digit 8	AUX Digit 8
9	TV Digit 9	VCR Digit 9	Cable Digit 9	AUX Digit 9
0	TV Digit 0	VCR Digit 0	Cable Digit 0	AUX Digit 0
ENTER	TV Enter	VCR Enter	Cable Enter	Aux Display
MENU	TV Menu	VCR Menu	Cable Menu	AUX Program
UP ARROW	TV Select Up	VCR Select Up	Cable Up Arrow	AUX Part
DOWN ARROW	TV Select Dn	VCR Select Dn	Cable Dn Arrow	AUX Random
LEFT ARROW	TV Adjust Left	VCR Adjust Left	Cable Left Arrow	AUX x3 FAST <
RIGHT ARROW	TV Adjust Right	VCR Adjust Right	Cable Right Arrow	AUX x3 FAST >
QUIT/	TV Seq Sound	VCR Quit	Cable Quit	AUX Clear
A	TV PIP	VCR+	Day Up	AUX Repeat-Side
B	TV PIP Swap	VCR Channel Map	Day Down	AUX Repeat-A-B
C	TV PIP Freeze	VCR Search	Cable Pg Up	AUX Repeat-Chap
CC	TV Closed Captions	VCR Memory	Cable Pg Down	AUX Memory
TIMER	TV Timer	VCR Timer	Cable Timer	AUX Still
TV/VCR/SOURCE	TV Sources	TV Tuner or VCR Tuner	Cable Info	AUX TV/Disc
RECORD	VCR Record	VCR Record	Cable Buy	AUX Edit
PAUSE	VCR Pause	VCR Pause	Cable Guide	AUX Pause
REWIND	VCR Rewind	VCR Rewind	VCR Rewind	AUX Scan <<
PLAY	VCR Play	VCR Play	VCR Play	AUX Play
STOP	VCR Stop	VCR Stop	VCR Stop	AUX Stop/Eject
FFWD	VCR Fast Forward	VCR Fast Forward	VCR Fast Forward	AUX Scan >>

References: 124-212-37 and µP 221-952-02A

Some of the functions shown above may not be available on your TV (such as PIP).

Caring for your Entertainment Machine.

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have with your new Entertainment Machine. Be sure to turn the power off and pull out the plug before you begin any cleaning.

Screen Cleaning

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of luke-warm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.

2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your Entertainment Machine.

Cabinet Cleaning

1. Use a soft cloth with a mild soap solution to wipe the cabinet (avoid using any cleaner that says "industrial strength" or "will wash the white off of rice" on the label).

2. Rinse the cloth and wipe the cabinet again.

3. Let the cabinet air-dry before turning the Entertainment Machine on.

Wood Cabinets

Use a quality wood cleaner and polish. This will protect the Entertainment Machine from dirt and dust, as well as keep the cabinet looking new.

Extended Absence

If you leave your Entertainment Machine dormant for a long time (such as a vacation), it's a good idea to unplug the power to protect against possible damage from lightning or power surges. If you use an off-air antenna, you may also want to disconnect it from the back of your TV before leaving.

If you unplug your Zenith Entertainment Machine, you may have to reset the clock using the Clock Set menu described earlier.

Troubleshooting

Some quick and easy tips to fixing problems yourself.

SYMPTOMS	SOLUTIONS
Snowy picture and lousy sound.	• Check your antenna connection or location.
Multiple images or 'ghost shadows.'	• Check your antenna direction and/or location. • Make sure the wire from your antenna to your Entertainment Machine is properly connected.
Interference: Sharp lines across the screen and lousy sound.	*The following may cause image problems or distortion: Electrical appliances, powerful lights, cars, trucks; computers or portable phones; Medical equipment* • If possible increase the distance between your Entertainment Machine and the offending appliance. Or shut one of them off.
Normal picture but no sound.	• Check volume control. • Make sure the TV is not Muted. • Try another channel. The problem may be the broadcast, not your Entertainment Machine. • Are the Audio A/V cables properly installed? • Are the wires for external speakers (if you have external speakers) properly installed?
No picture and lousy sound.	• Are you in TV or Cable tuning mode (See Auto Program on page 11), and should be in the other? • Make sure output channels on all A/V equipment are on the same channel (3 or 4). • Check that all connections are tight.
No picture and no sound — The thing is just DEAD!	• Is the AC power plugged in? • Check that your AC power outlet works. (Test it by plugging in something else or try another plug.) • Make sure your brightness and audio controls are set properly. • Try another channel. The problem may be with the broadcast, not your Entertainment Machine.
No color, but the sound is O.K.	• Check the color control in the Video menu. • Try another channel. The problem may be with the broadcast.
Picture has a big black box on it, but the sound is O.K.	• The CC (closed caption) option may be in Text mode. Select OFF in the Captions/Text menu. See page 16.
Picture has two horizontal black bars, one on top and one on bottom.	• Your program is in letterbox. This means that the shape of your TV is square, but the program is a rectangle. Think of the bars as empty space the program doesn't fill; not picture that's blocked out. Because this format is a direct representation of film as you see it in the movies, you are actually seeing MORE of the program when you see those bars. Trust us.
Remote control doesn't work.	• Make sure the batteries are fresh and installed properly. • Check to see that the MBR (Multi Brand Remote available on some models) is in the right mode for your equipment.
Menu options won't change.	• Try unplugging the TV, waiting about five minutes, and then plugging it back in and trying again.

If all else fails, call 1 (847) 391-8752, extension 5, between 8:30 a.m. and 4:30 p.m. Central Standard Time.

Glossary

A complete list of definitions for words found in this guide.

75 OHM RF CABLE The wire that comes from an off-air antenna or cable service provider. Each end looks like a hex shaped nut with a wire sticking through the middle. It screws onto the threaded jack on the back of your TV.

300 TO 75 OHM ADAPTER A small device that connects a two-wire 300 ohm antenna to a 75 ohm RF jack. They are usually about an inch long with two screws on one end and a round opening with a wire sticking out on the other end.

A/V CABLES Audio/Video cables. Three cables bunched together—right audio(red), left audio (white), and video (yellow). A/V cables are used for stereo playback of videocassettes and for higher quality picture and sound from other A/V devices.

A/V DEVICE Any device that produces video or sound (VCR, cable box, or television).

ADD This function lets you add new channels to list that you'll scroll through when using your remote.

AMPLIFIER An external machine that amplifies sound from a television, CD player, VCR, or other A/V device.

ANTENNA The physical receiver of television signals sent over the air. A large metal piece of equipment does not always have to be visible for your home to be using an antenna.

AUTO PROGRAM Auto Program enables your Entertainment Machine to automatically find all the channels available in your area.

BLOCK Restrict or censor a channel for a set length of time.

DELETE This function lets you remove channels that you don't watch from the list you'll scroll through using your remote.

INPUT Refers to the jack that receives a signal from a TV, VCR or other A/V device.

Glossary (cont'd)

A complete list of definitions for words found in this guide.

JACK	A connection on the back of a TV, VCR, or any other A/V device.
MONO SOUND	Mono (monaural) sound is one channel of sound. On more than one speaker, all the speakers play the same audio.
OUTPUT	Refers to the jack that sends a signal out of a VCR, or other A/V device.
SECOND AUDIO PROGRAMMING/SAP	Second Audio Programming (SAP) is another separate, audio channel available with some programming. Choosing SAP often refers to listening to audio in another language, such as Spanish or French.
SIGNAL	Picture and sound traveling through cable, or on the air, to your television screen.
STEREO SOUND	Stereo (stereophonic) sound refers to audio that's divided into right and left sides.
TUNER	Device that picks up the signal and turns them into picture and sound.

Index

Find what you want quickly.

FEATURE	PAGE
Amplifier Volume Override	29
Antenna	4, 6
Audio Menu	25
Auto Demo	24
Auto Find	31
Auto Program	11
AUX+1, AUX+2, AUX+3	30
Basic Television Operation	13, 14
Batteries	4-7
Button Functions	10
Cable	5, 7
Caption Menu	18
CATV	5, 7
Channel Labels	22
Add/Del/Surf	16
Clock Set	17
Front Panel	12
Glossary	38, 39
Hook-Up Directory	3
Language Menu	20
Maintenance	36
On-Screen Menus	15
Parental Control	23
Programming the Remote	28
Remote Control Auto-Find	31
S-VHS Hookup	8
Safety Information	2
Serial Number	2
Surf	13
Timer	21
Troubleshooting	37
VCR	6, 7
Video Menu	26
Warranty	42

Recommended Audio/Video Accessories

STEREO SURROUND SOUND SPEAKERS

For use with any Surround Sound compatible TV. These speakers create a sound so real, it's as if you were part of the action. The convenient, space-saving shelf design make these speakers an ideal addition to any Home Theater System. The contemporary black finish complements any room.

CV5000 **ONLY $224.95** PLUS $17.95 SHIPPING & HANDLING

REPLACEMENT REMOTE

Broken or lost remote? Perhaps you would just like the convenience of having a second remote on hand. Order your replacement remote control direct from Zenith! To ensure that you receive the correct remote, have your television's model number ready when you call.

ONLY $39.95 PLUS $4.95 SHIPPING & HANDLING

ORDER TODAY!
CALL TOLL-FREE
1.800.255.6790

zenith

Use Your Visa or MasterCard to Order

PLEASE ALLOW 3 - 4 WEEKS FOR DELIVERY

206-3372-A

Your Zenith Limited Warranty

Direct-View Color TV Welcome into the Zenith family! We believe that you will be pleased with your new Zenith Entertainment Machine. Please read this warranty carefully, it is a "LIMITED WARRANTY" as defined under Federal Law. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state within the U.S.A.

ZENITH RESPONSIBILITY

Service Labor During a period of 90 days from effective warranty date, Zenith will provide service labor by a Zenith authorized service center when needed as determined by Zenith, as a result of manufacturing defects.

Parts New or remanufactured replacements for factory-defective parts will be supplied by a Zenith authorized service center for one year from effective warranty date (color picture tube — two years). Such replacement parts are warranted for the remaining portion of the original warranty period.

Home Service Warranty service for 21" diagonal (U.S.A.) or larger screen size models is provided in the home in most cases. (Some repairs may require the unit to be taken by the servicer to the repair facility and returned, at no additional charge.)

Not Covered This warranty covers manufacturing defects and does not cover installation, adjustment of customer controls in the home, installation or repair of home antenna systems, cable converters or cable company-supplied equipment; it also does not cover damage due to misuse, abuse, negligence, acts of God or other causes beyond the control of Zenith. Any alteration of the product after manufacture voids this warranty in its entirety.

OWNER'S RESPONSIBILITY

Effective Warranty Date Warranty begins on the date of original consumer purchase. For your convenience, keep the dealer's dated bill of sale or delivery ticket as evidence of the purchase date.

Operating Guide Read your Operating Guide carefully so that you will understand the operation of your set and how to adjust the customer controls.

Carry-In Service Models under 21" diagonal (U.S.A.) screen size must be taken to a Zenith authorized service center for warranty service and must be picked up by the owner.

Antenna Reception problems caused by inadequate home antenna or faulty antenna connections are the owner's responsibility.

Important Product Registration—Please fill out and mail your Product Registration Card. It is imperative that Zenith know how to reach you promptly if we should discover a safety problem that could affect you.

Warranty Service For warranty service information, contact any Zenith authorized service center. Parts and service labor that are Zenith's responsibility (see above) will be provided without charge. Other service is at the owner's expense. If you have any problem in obtaining satisfactory warranty service, call or write the Zenith Response Center. You must provide the model number, serial number and date of purchase or date of original installation. Before you ask for warranty service, read "Maintenance And Troubleshooting" in your operating guide. You might avoid a service call.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ZENITH SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS IN CONNECTION WITH THE PRODUCT.

ZENITH CONSUMER SERVICES
Factory Owned Service Center
Home & Carry-in Service
Television/VCR
Parts and Accessories
PTV/Computer

Service Hours:
M-F 8-6, Sat 9-2
Will accept UPS Shipments

801 E. Roosevelt Rd
Lombard, IL 60148
(630)705-2830

201 James Record Rd.
Building 4
Huntsville, AL 35824
(205) 461-8583

ZENITH ELECTRONICS CORPORATION
Zenith Response Center
1000 Milwaukee Avenue
Glenview, IL 60025-2493
Telephone (847)391-8752
Mon-Fri, 7:00 a.m.-8:00 p.m. CST
Sat. 8:00 a.m.-5:00 p.m. CST
www.zenith.com

Additional Zenith Picture Tube Protection Plan Available
Zenith offers you the opportunity to obtain additional long-term protection against failure of the picture tube in your new Entertainment Machine. Our Picture Tube Protection Plan enables you to avoid any unexpected picture tube repair expenses and keep your Entertainment Machine in top condition. It guarantees you a genuine Zenith replacement picture tube and service from a Zenith authorized service center.

Be sure to send in the Product Registration Card. We will send you and application for the Protection Plan near the expiration of the two year manufacturer's warranty on the picture tube. For additional information call (847) 391-8757.